



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 16] नई दिल्ली, शनिवार, अप्रैल 20, 1985 (चैत्र 30, 1907)
No. 16] NEW DELHI, SATURDAY, APRIL 20, 1985 (CHAITRA 30, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 20th April 1985

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The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

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Lower Parel (West),
Bombay-400013.

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Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110005.

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Telegraphic address "PATENTOFIC".

1—27 GI/85.

Patent Office Branch,
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Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
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Calcutta-700 017.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patent Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

SPECIAL NOTICE

The qualifying examination as prescribed in clause (c) (iii) of sub-section (1) of Section 126 of the Patents Act, 1970 read with Rule 95 of the Patents Rules, 1972 will be held at the Patent Office, Calcutta and its branches at Bombay, Madras and New Delhi on Monday, the 16th September, 1985.

The schedule of the qualifying examination will be as follows :—

Paper I—Patents Act & Rules—10.30 AM to 1 PM.

Paper II—Drafting and interpretation of Patent Specification and other documents. —2.30 PM to 5 PM.

The Viva Voce Examination will be held on the 17th September, 1985 at 11 AM.

CORRIGENDUM

(1)

In the Gazette of India, Part III, Section 2, dated the 17th March, 1984, at page No. 144, Column 2 in respect of Patent Specification No. 152720 (application No. 544/Del/79) for "Complete Specification left on 14th December, 1980" read "Complete Specification left on 14th October, 1980".

(2)

1. In the Gazette of India, Part III, Section 2, dated 12th Jan. 1985 under the heading "Applications for Patent filed in the Patent Office, Bombay Branch at Todi Estates, IIIrd Floor, Sun Mill Compound Lower Parel (West), Bombay-400 013" in page No. 34, Column 2.

(i) in respect of Patent Application No. 318/Bom/84 for "FACLE" read "EAGLE".

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-17

6th March, 1985

- 168/Cal/85. The Babcock & Wilcox Company. Gas Analyzer with aspirated test gas.
- 169/Cal/85 Dr Braja Gopal Halder. Platform Pessary for Genital Prolapse.
- 170/Cal/85. Stone & Webster Engineering Corporation. Hydrocarbon pretreatment process for catalytic cracking.
- 171/Cal/85 Nabisco Brand Inc. Reduced calorie baked goods and methods for producing same.
- 172/Cal/85. Trivlon Associates Ltd. Endoscopic instruments and illuminating attachments for same.
- 173/Cal/85. Medical College of Ohio and Trustees of Columbia University. Process for the preparation of novel peptides which antagonize the antidiuretic and/or vasopressor action of arginine vasopressin. [Division of application No. 11th March, 1982].

8th March, 1985

- 174/Cal/85 Ramprayan Chakraborty. Smoke-Less Five-In-One portable oven system
- 175/Cal/85. D. Swarovski & Co. A process for producing silane.
- 176/Cal/85. Binrosa Holding. Process for recovering crude oil or refinery products from sludge thickened to compact sediment crude oil or refinery products as well as apparatus for performing the process.

11th March, 1985

- 177/Cal/85 The Babcock & Wilcox Company. Maximum Efficiency Steam temperature control system.
- 178/Cal/85. Neste Oy. Procedure for manufacturing cellulose carbamate
- 179/Cal/85. Alfhildolaast Gustavberg. Improvements in and relating to a water-closet system. (Convention dated 18th May, 1984).
- 180/Cal/85 Shri Krishan Kapoor. A process for the manufacture of silicon carbide heating elements.

181/Cal/85. Hein, Lehmann AG. Drum Screening Machine. 12th March, 1985

182/Cal/85. Rolf Henning Wilhelm Steinbock. Apparatus or Mechanically stress a Bolt-type fastener,

183/Cal/85. Keystone International, Inc. Rotatable shaft Assembly.

184/Cal/85. The Air Preheater Company. Method for manufacturing heat transfer element sheets for a rotary regenerative heat exchanger.

13th March, 1985

185/Cal/85. Voest-Alpine Aktiengesellschaft. Internal Lining for ball mills.

186/Cal/85. Centralny Ośrodek Badawczo-Rozwojowy Przemysłu Betonow "Cebet". Cellular concrete of Industrial waste.

187/Cal/85. N. V. Philips' Gloeilampenfabrieken. Method of liquefying a gas and liquefier for carrying out the method.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-110005

18th February, 1985

129/Del/85. Krishan Dev Kalra. "Atmospheric pressure device".

130/Del/85. Lalgudi Ramarathanam Parthasarathy & Narendra Kumar Goel. "Last vehicle Check device".

131/Del/85. Exxon Research and Engineering Company. "Middle distillate compositions with improved low temperature properties". (Convention date February 21, 1984 & August 10, 1984) (U.K.).

132/Del/85. Exxon Research and Engineering Company. "Middle distillate compositions with improved cold flow properties". (Convention date February 21, 1984 & August 10, 1984) (U.K.).

133/Del/85. Flexitallic Ltd., "Improved gasket materials". (Convention date February 25, 1984) (U.K.).

134/Del/85. Reanal Finomvegyszergyar. "Reagent for the determination of glucose, cholesterol, uric acid and Haemoglobin".

135/Del/85. Reanal Finomvegyszergyar. "Reagent for the determination of thrombocyte and leukocyte counts".

19th February, 1985

136/Del/85. Council of Scientific and Industrial Research. "A process for the preparation of madhuca buty-racea fat fractions for use in the manufacture of chocolates and like confectionery".

137/Del/85. Vapor Corporation. "Thermoelectric cooler".

138/Del/85. The Standard Oil Company. "Amorphous metal alloy powders and synthesis of same by solid state chemical reduction reactions".

20th February, 1985

139/Del/85. Lucas Industries Public Ltd. Co., "Rotary fly-wheel skid sensing means for vehicle hydraulic braking systems". (Convention date March 7, 1984 & July 23, 1984) (U.K.).

140/Del/85. Ferodo Ltd., "Friction materials and their manufacture". (Convention date March 3, 1984) (U.K.).

141/Del/85. Shell Internationale Research Maatschappij B.V., "Olefin polymerization process".

142/Del/85. UOP INC., "Multiple-stage reactor system for a moving catalyst bed".

143/Del/85. Urban Transportation Development Corporation Ltd., "Brake disc design for wheel mounted discs". (Convention date March 12, 1984) (Canada).

144/Del/85. John Richard Brady, "A fodder production unit".

21st February, 1985

- 145/Del/85. Thomson-CSF, "A Microprocessor and dynamic ram system with software refreshing and application to a disturbance recorder".

21st February, 1985

- 146/Del/85. Energy Conversion Devices, Inc., "Level substrate for semiconductor devices and method for fabricating same".
- 147/Del/85. Ffizer Inc., "3-Substituted 2-oxindole-1-carboxamides as analgesic and anti-inflammatory agents".

22nd February, 1985

- 148/Del/85. Heliodinamica S.A., "Thyristorized commutation direct current machine".
- 149/Del/85. Imperial Chemical Industries PLC., "Hydrogen". (Convention date March 2, 1984, July 4, 1984 & October 9, 1984) (U.K.).

25th February, 1985

- 150/Del/85. Boliden Aktiebolag, "A storage complex for storing chemical waste material or other solid substances in rock formations".
- 151/Del/85. General Foods Corporation, "Extruded shrimp analog formed from vegetable protein and certain starch compounds".
- 152/Del/85. General Foods Corporation, "Extruded shrimp analog formed from soy protein and starch complex".
- 153/Del/85. Wilson Double-Deck Trailers Ltd., "profiled sheet material". (Convention date February 25, 1984 & October 13, 1984) (U.K.).

26th February, 1985

- 154/Del/85. The Goodyear Tire & Rubber Company, "Polyester composition".
- 155/Del/85. Pfizer Inc., "Process for making 2-oxindole-1-carboxamides and intermediates therefor".
- 156/Del/85. Lucas Industries Public Ltd. Co., "Improvements in hydraulic anti-skid braking systems for vehicles". (Convention date March 7, 1984 & July 2, 1984) (U.K.).

27th February, 1985

- 157/Del/85. Council of Scientific and Industrial Research, "A process for the isolation of antidiabetic principle from Bougainvillea spectabilis".
- 158/Del/85. Council of Scientific and Industrial Research, "A process for the preparation of 3-(4-isopropyl phenyl)-1, 1-dimethyl urea".
- 159/Del/85. Council of Scientific and Industrial Research, "A process for preparation of cyclic acetals and ketals of P-mentha-1-ene 4, 8-diol (1,3-dioxalanes) from P-menth-1-ene-4-B-oxide (terpinolene)".
- 160/Del/85. Philip Joy, "A transmission booster".
- 161/Del/85. Philip Joy, "A transmission booster".
- 162/Del/85. Mars Alcatel, "Line protector module applicable particularly to telephone distributing frame".
- 163/Del/85. Lord Corporation, "Adhesive Compositions".
- 164/Del/85. Lord Corporation, "High build, ambient cure coating compositions".
- 165/Del/85. Norsk Hydro, Q.S. "Multilayered sack and process of producing same".
- 166/Del/85. Earl W. Hall and William J. Love, "Method for treating municipal waste materials". (Convention date March 1, 1984) (Australia).
- 167/Del/85. The Indian Council of Agricultural Research, "A new poly-set process for production of durable press cotton fabrics".
- 168/Del/85. The Indian Council of Agricultural Research, "A process for the preparation of semichemical pulp for production of paper from cotton plant stalks".

28th February, 1985

- 169/Del/85 Simmons Nominees Pty. Ltd., "Insect repellent soap composition". (Convention date July 19, 1984) (Australia).

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TODI ESTATES, IIIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400 013.

12-2-1985

- 37/BOM/85 Nirlon Synthetic Fibres & Chemicals Ltd. An improved process for the preparation of aromatic diamides.

14-2-1985

- 38/BOM/85 Mrs. Anita Chowdhury. An improved positive disc placement metering device for fluid dispensing pumps.

15-2-1985

- 39/BOM/85 Standard Fabricators (India) Private Limited. A novel process for the synthesis of therapeutically active D(—) thereo-2-dichloroacetamido-1-(4-nitrophenyl) Propane 1,3-diol (chlorompheniol) from D(—) thereo-3-carboxy aryloxy-2-trichloromethyl-4-(4-nitrophenyl)-hydroxymethyl oxazolidine.

- 40/BOM/85 K.R. Dholaria A device to feed fuel in boiler.

16-2-1985

- 41/BOM/85 Nirlon Synthetic Fibres & Chemicals Ltd. An improved process for the preparation of chlorine derivatives of aromatic diamide.

- 42/BOM/85 S.V. Ayachit Air pollution Control Device.

- 43/BOM/85 V.K. Shridhar Improved usages of rotary connection gauges.

18-2-1985

- 44/BOM/85 N.O. Mall An improved storage water heater.

19-2-1985

45/BOM/85	The Ahmedabad Manufacturing And Calico Printing Company Limited.	A process.
46/BOM/85	Bhabha Atomic Research Centre.	A method and a device for in situ casting of a tubular membrane directly on a porous tubule or capillary and an in situ cast tubular membrane directly on a porous tubule or capillary for use in reverse osmosis tubular modules.
47/BOM/85	Do.	A method and a device for in situ casting of a tubular membrane directly in a porous support tube and an in situ cast tubular membrane directly in a porous support tube for use in reverse osmosis tubular modules.
48/BOM/85	Do.	A reverse osmosis tubular module for use in a reverse osmosis plant.
49/BOM/85	Do.	A method for the manufacture of sulphide ion sensitive or selective silver sulphide electrode for use in electro-chemical cells and such an electrode obtained thereby.
21-2-1985		
50/Bom/1985	Jaysynth Dychem Pvt. Ltd.	A process for the preparation of novel green reactive dyes.
51/Bom/1985	Greaves Foseco Limited.	Foundry Sand Compositions.
23-2-1985		
52/Bom/1985	Sohan Lal Tamrakar.	A time Indicator Wall Clock.
25-2-1985		
53/Bom/1985	Hindustan Lever Limited.	Detergent Compositions.
54/Bom/1985	Padmanna Jambu Chaugule.	Improvements in or relating a multi mould for simultaneously manufacturing a plurality of pre-cast building components.
27-2-1985		
55/Bom/1985	Mukesh Rameshchandra Shah.	Headlight and Flasher combination switch with self indicating system.
1-3-1985		
56/Bom/1985	Vishwas Raghunath Nene	Man wings.
57/Bom/1985	Karsan Ramjibhai Dholaria.	A water lifting device operated by steam.

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH,
61, WALLAJAH ROAD, MADRAS-600 002

25th February 1985

- 158/Mas/85. Dr. S. Thankayyan. Dr. T. N's. Cystoscopic Supportor.
- 159/Mas/85. Lonza Ltd., Process for the preparation of tetronic acid from 4-Haloacetoacetic acid esters (Divisional to Patent Application No. 724/Cal/82).

26th February 1985

- 160/Mas/85. Mannesmann Aktiengesellschaft. A method and arrangement for an oscillating electrode.
- 161/Mas/85. Raychem Limited. Preparation of organic polymers. (February 27, 1984), Great Britain.

27th February, 1985

- 162/Mas/85. Kaveri Engineering Industries L'd., Packing for waste water treatment and a method of manufacturing the same.
- 163/Mas/85. Castolin S.A., Material for thermal spraying.

28th February, 1985

- 164/Mas/85. Atlas Air Australia Pty. Limited. Humidifier. (March 2, 1984; Australia).

2nd March, 1985

- 165/Mas/85. Stauffer Chemical Company. Synergistic herbicidal compositions.

4th March, 1985

- 166/Mas/85. R. Mohandas. An improved device for cleaning and seating the electrode cap of a spark plug of an internal combustion engine.
- 167/Mas/85. Helmut Sieke and Ingrid Sieke. A method and an apparatus of vibrating a piston in a hydraulic-cylinder.

5th March, 1985

- 168/Mas/85. Dr. K. P. R. Chowdary & G. Nageswara Rao. A method for the preparation of spherical micro-capsules for controlled drug release.
- 169/Mas/85. Pal Gal. Process for realizing energy saving operation in multipurpose agricultural buildings.
- 170/Mas/85. Pal Gal. Process for producing a coherent bound by means of a deformable auxiliary material, in particular for structural elements made of thin materials.
- 171/Mas/85. Ownes-Illinois, Inc. Blow molding apparatus.

6th March, 1985

- 172/Mas/85. Ebara Corporation. Apparatus for pulverizing and sorting municipal refuse.
- 173/Mas/85. Johannes Carel VAN WIERST. Locking device for a bicycle.
- 174/Mas/85. BASF Aktiengesellschaft. Removal of CO₂ and/or H₂S from gases.

175/Mas/85. Panachiotis J. Diamantopoulos & Anastasios G. Politis. Helix (propeller) with wings plane-
trially about its axis of rotation on a track of the
same or of a different radius and on the same
or on a different transverse plane.

7th March, 1985

176/Mas/85. Lonza Limited. Optically-active di-(3-chloro-2-
hydroxypropyltrimethyl-ammonium) tartrate.

177/Mas/85. Lonza Limited. Process for the microbiological
preparation of L-Carnitine.

178/Mas/85. Unie Van Kunstmestfabrieken B. V. Process
for the preparation of urea.

8th March, 1985

179/Mas/85. Maschinenfabrik Rieter AG. Cleaning device
for the pressure rolls of a combing machine.

ALTERATION OF DATE

155974.

(217/Cal/83) Ante dated to 22nd June, 1979.

155975.

(2/Del/81) Post dated to 1st May, 1981.

155995.

(1507/Cal/82)- Ante dated to 26th September, 1980.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in
opposing the grant of patents on any of the applications
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four months, give notice to the Controller of Patents on
the prescribed Form 15, of such opposition. The written
statement of opposition should be filed along with the said
notice or within one month of its date as prescribed in Rule
36 of the Patents Rules, 1972.

"The classifications given below in respect of each speci-
fication are according to Indian Classification and Inter-
national Classification".

A limited number of printed copies of the specifications
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in due course. The price of each specification is Rs. 2/-
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ing charges per page are Rs. 4/-.

CLASS : 32-F₁ & 55-D₂. 155969

Int. Cl. : A 01 n 9/00; C 07 c 103/00.

PROCESS FOR THE PREPARATION OF 2-CHLORO- ACETAMIDES.

Applicant : LONZA LTD., OF GAMPEL/VALAIS,
SWITZERLAND.

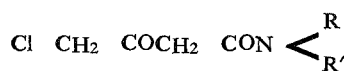
Inventors & 1. LEANDER TENUD, 2. RAIMUND
MILLER, 3. BARRY JACKSON.

Application No. 307/Cal/82 filed March 19, 1982.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A process for the preparation of 2-chloroacetoacetamides
of the general formula :—



in which R and R', which can be the same or different,
are hydrogen atoms or unsubstituted or substituted alkyl,
alkenyl, alkynyl, aryl, alkaryl, alkoxyaryl or alkoxyalkyl
radicals, wherein diketene is reacted with hydrogen chloride
at a temperature of from +30 to -40°C. to give acetoac-
etyl chloride, which is then reacted with chlorine at a
temperature of from +30 to -40°C. to give 2-chloroace-
toacetyl chloride and this latter is converted into the cor-
responding amide by reaction with nitrogen compound of the
general formula R.NH.R', in which R and R' have the same
meanings as above, at a temperature of from +50 to -40°C.

Compl. Specn. 15 pages.

Drgs. Nil.

CLASS : 39-K.

155970

Int. Cl. : C 01 b 25/18.

PROCESS FOR PRODUCTION OF EXTRACTION PHOSPHORIC ACID.

Applicant : 1. BORIS GEORGIEVICH ZOTOV-
SNAIPERSAAYA ULITSA, 14/9, KV. 159, MOSCOW,
USSR; 2. VIKTOR ALEXANDROVICH ZATTSEV
DMITROVSKOE SHOSSE, 37, KV. 172, MOSCOW, USSR;
3. ALBERT VASILIEVICH MOROZOV-ULITSA 26
BAKINSKIKH KOMISSAROV, 7, KORPUS 2, KV. 96,
MOSCOW, USSR; 4. JURY IVANOVICH KIPRIYANOV-
KUTUZOVSKY PROSPEKT, 25, KV. 92, MOSCOW,
USSR; 5. TAMARA GEORGIEVNA MOLGANOVA-
ULITSA STROITELEI, 3, KV. 48, MOSCOW, USSR;
6. GERTRUDA ALEXANDROVNA KUNINA-B. CHER-
KIZOVSKAYA ULITSA, 14, KORPUS 1, KV. 138, MOS-
COW, USSR; 7. NIKOLAI FEDOROVICH KHRIPUNOV-
VOSKRESENSK MOSKOVSKOI OBLASTI, ULITSA
OKTYABRSKAYA, 1/2, KV. 25, USSR; 8. IGOR PAVLO-
VICH MUKHIN-VOSKRESENSK MOSKOVSKOI
OBLASTI, ULITSA ENGELSA 2, KV. 54, USSR; 9.
EGLDIUS RIMANTAS IONOVICH PYATRAUSKAS-
KEDAINYAI LITOVSKOI SSR, ULITSA SMILGAS, 8,
KV. 5, USSR; 10. ALBINAS JUOZOVICH PILKAUSKAS-
KEDAINYAI LITOVSKOI SSR, ULITSA SMILGAS, 1,
KV. 13, USSR; 11. MIKHAIL KUZMICH CHISTYAKOV-

Inventors : MINUSINSKAYA ULITSA, 3, KV. 137,
MOSCOW, USSR.

Application No. 427/Cal/82 filed April 17, 1982.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for producing extraction phosphoric acid com-
prising :

decomposing a phosphate raw material with a mixture
of sulfuric and phosphoric acid at a temperature in
the range of 70 to 115°C;

crystallizing calcium sulphate;

subjecting the reaction pulp to air-treatment such as
herein described;

separating the air treated pulp into a first and second
streams;

recycling said first stream to the stage of decomposition and subjecting said second stream to a stage of filtration and thereby obtaining extraction phosphoric acid;

characterized in that in said air-treatment stage the volume ratio of the pulp : air being maintained in the range of 1 (10-15), and

that the density of the said first stream recycled to the stage of decomposition being maintained within the range of from 0.4 to 1.5 g/cm

Compl specn 19 pages

Drg Nil

CLASS 128-K

155971

Int Cl A 61 b 17/04

AN IMPROVED LIGATING CLIP PACKAGE

Applicant FIBICON INC, LOCATED IN SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA

Inventor ROBERT JAMES CERWIN.

Application No 815/Cal/82 filed July 16, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

An improved package containing a plurality of sterile dry, hydrolyzable surgical ligating clips made from absorbable polymer comprising

- (a) disposable means for holding a plurality of said ligating clips in spaced apart relationship and providing an area around each the clip for access thereto;
- (b) a plurality of ligating clips disposed in said disposable holding means, each of said clips having a narrowed resilient hinge portion, said hinge portion being more sensitive to hydrolysis than the remainder of said clip; and
- (c) means for permanently removing moisture as herein defined from the area around the clips;
- (d) and a moisture impermeable outer wrap surrounding the disposable holding means, clips, and moisture removing means whereby the resiliency of the hinge portion of the clips is maintained for an extended shelf life period

Compl specn 10 pages

Drg 2 sheets.

CLASS : 40-B

155972

Int Cl. B 01 j 11/06

A PROCESS FOR THE PHOTO-DECOMPOSITION OF WATER.

Applicant SIBIT S.p.A., OF 31, FORO BUONAPARTE, MILAND, ITALY

Inventors 1, MARIO VISCA, 2 CARLO SCOTTI.

Application No 825/Cal/82 filed July 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

6 Claims

A process for the photodecomposition of water wherein water is irradiated with light in the presence of colloidal particles of a semiconductor which contain, on their surface, a reduction catalyst and an oxidation catalyst; the semiconductor is selected from the group consisting of TiO_2 doped with Mn, Cr or Cr and Nb; gallium phosphide and cadmium sulphoselenide and has a particle size ranging from 50 to 10 micron, the reduction catalyst is selected from the group consisting of platinum, iridium, palladium, rhodium, osmium, silver and gold and its

amount, referred to the semiconductor, ranges from 0.5 to 30% by weight, the oxidation catalyst is selected from the group consisting of oxides of ruthenium, platinum, iridium, manganese, iron, cobalt and tantalum and its amount, referred to the semiconductor, ranges from 0.005 to 10% by weight

Compl specn 22 pages

Drg Nil

CLASS . 206-E

155973

Int. Cl . H 03 k 3/00, 17/00

STATIC VAR GENERATOR.

Applicant :—WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor .—1. LASZLO GYUGYI

Application No. 52/Cal/83 filed January 13, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A static VAR generator comprising a capacitive current means disposed for connection into an AC network, a first inductive current means disposed for connection into said AC network, a second inductive current means disposed for connection into said AC network, a VAR monitoring means for monitoring the reactive requirement of said AC network, a control means connected to said first inductive current means, said second inductive current means, and said VAR monitoring means for controlling connection of said first and second inductive current means into the AC network in response to the reactive requirements of said AC network, and a phase shifting means connected to said second inductive current means and said control means for controlling connection of said second inductive current means at a voltage phase angle leading the voltage of said first inductive current means

Compl. Specn 11 pages

Drgs 4 sheets.

CLASS : 40-B

155974

Int. Cl : B 01 j 11/34

A METHOD FOR PREPARING A SYNTHETIC MATERIAL COMPOSED OF CRYSTALLINE SILICA MODIFIED BY BORON

Applicant : SNAMPROGETTI S.p.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Inventors : 1. MARCO TARMASSO, 2. GIOVANNI MANARA, 3 VITTORIO FATTORE, 4. BRUNO NOTARI.

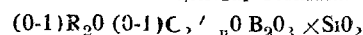
Application No. 217/Cal/83 filed February 22, 1983.

Division of application No 642/Cal/79 dated 22nd June, 1979

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A method for preparing a synthetic material composed of crystalline silica codified by boron corresponding in its anhydrous state to the general formula.



wherein R is the product originated by an organic base used for the formation of the synthetic material, C is a cation such as H^+ , NH_4^+ or a metal having the valency of n, n being 1 or 2, x is a number greater than or equal to 4 and which preferably tends towards values up to 1000, characterized in that it comprises reacting a derivative of silicon, selected among a tetraalkyl orthosilicate

or silica-gel and a derivative of boron selected among a trialkyl borate or boric acid, in the presence of an chelating agent selected among an alkyl ammonium base or ethylenediamine, and possibly in the presence of a mineralizing agent, in aqueous medium operating at a pH comprises between 9 and 14 at a temperature comprised between 110°C and 220°C for a time variable from 1 to 30 days.

Compl. Specn. 25 pages.

Drgs. Nil.

CLASS : 126 D & 146 C.

155975

Int. Cl. : G01b 5/20, 5/28.

"A MACHINE FOR MEASURING, RECORDING AND INTEGRATING IRREGULARITIES ON A SURFACE".

Applicant : MRS. KRISHNA BHAT, AN INDIAN CITIZEN OF C-7/232, SAFDARIJUNG DEVELOPMENT AREA, NEW DELHI-110016, INDIA.

Inventor : MRS. KRISHNA BHAT.

Application for patent No. 2/Del/81 filed on 1st January, 1981 and posted dated to 1st May, 1981.

Complete specification left on 16th June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

A machine for measuring, recording and integrating irregularities on a surface such as a road, runway, pavement or other paved structure comprising a carrier member or frame supported by primary beams and secondary beams supported by said primary beams, each primary beam having a front wheel and a rear wheel, a spring biased sensing element in the form of a wheel rotatably supported by the carrier member or frame and adapted to traverse over the said surface, a fork lever pivoted to the said frame and connected to the said sensing element, a slave member connected to the said forked lever to move up and down in response to the displacement of the said sensing element, the slave member being connected to a pointer of a measuring instrument by means of a second lever connected to the slave member for moving the pointer over a calibrated scale, the said slave member being also connected to a profile recording device and the lever member for integrating the vertical movement of the sensing element, said second lever being pivoted to the frame adjacent to the connection of the lever with the slave member for magnifying the reading on the said calibrated scale.

Provisional specification 5 pages.

Complete specification 12 pages.

Drwang 2 sheets.

CLASS : 1291

155976

Int. Cl. : B 30 b 3/00.

ROLLING MILL ROLLS.

Applicant : SACTOR ACIERIES ET LAMINOIRS DE LORRAINE, OF 6 RUE DE WENDEL, 57704 HAYANGE FRANCE, A FRENCH COMPANY.

Inventor : JACQUES MARIE MICHAUX.

Application for Patent No. 47/Del/81 filed on 27th January, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

21 Claims

Rolling mill rolls comprising open grooves on the peripheral surface of said rolls, said open grooves for edging passes of sections, such as rails, beams, channels and for closing passes of locks of sheet piles, as well as for similar passes of other similar sections, said grooves having relatively active portions and relatively non-active portions, the active portions of said grooves during said passes being adapted to reduce the lateral faces of heads and flange

edges of the rails, edges of flanges of the beams and channels, or close the locks of the sheet piles while the non-active portions, during said passes exert little or no reduction on webs of said rails, beams, channels and sheet piles; at least two said grooves are overlapped by their relatively non-active portions, the resulting overlapped portion being common to the overlapped grooves.

Compl. specn. 25 pages.

Drg. 8 sheets.

CLASS : 32-F₁,₂ (a)

155977

Int. Cl. : C 07 c—69/00.

PROCESS FOR PREPARING CYCLOPROPANE CARBOXYLIC ACID ESTER DERIVATIVES.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., A NETHERLANDS COMPANY OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, NETHERLANDS.

Inventors : RONALD FRANK MASON AND DEREK ALEXANDER WOOD.

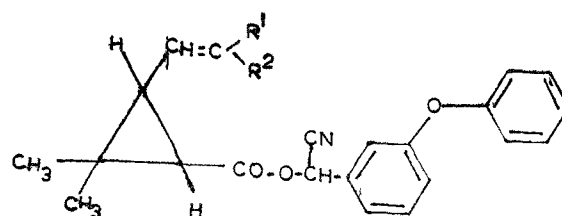
Application for Patent No. 243/Del/1981 filed on 21st April, 1981.

Convention date 23rd April, 1980/8013308/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A process for preparing a 1 : 1 mixture of 1R *cis* S- and 1S *cis* R-isomers substantially free of 1S *cis* S- and 1R *cis* R-isomers of a compound of formula I



wherein R¹ and R² are each independently selected from chlorine, bromine and methyl, which process comprises dissolving a mixture of 1S *cis* S- and 1R *cis* R-isomers of the compound of formula I, alone or in the presence of 1R *cis* S- and 1S *cis* R-isomers, in an organic amine base containing from 5 to 7 carbon atoms and being a secondary amine containing two branched alkyl groups or a tertiary amine, and crystallising out from the resulting solution of *cis*-isomers of formula I in the organic amine base a 1 : 1 mixture of the 1R *cis* S- and 1S *cis* R-isomers substantially free of 1S *cis* S- and 1R *cis* R-isomers.

Compl. specn. 17 pages.

Drg. 1 sheet.

CLASS : 32F₁, F₂(a)

155978

Int. Cl. : C 07 c 69/00.

PROCESS FOR PREPARING A MIXTURE OF CIS-ISOMERS OF CYCLOPROPANE CARBOXYLIC ACID ESTER DERIVATIVES.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., A NETHERLANDS COMPANY OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Inventor : MICHAEL JOHN BULL.

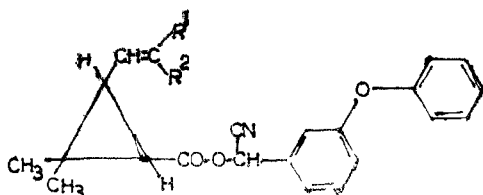
Application for Patent No. 244/Del/81 filed on 21st April, 1981.

Convention date 23rd April, 1980/80 13309 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

7 Claims

A process for preparing a mixture of *cis*-isomers of a compound of formula I



wherein R^1 and R^2 are independently selected from chlorine, bromine and methyl, consisting predominantly of the 1R *cis* S- and 1S *cis* R-isomers, which process comprises dissolving a mixture of 1S *cis* S- and 1R *cis* R-isomers of the compound of formula I, alone or in the presence of 1R *cis* S- and 1S *cis* R-isomers, in an organic amine base containing from 5 to 7 carbon atoms and being a secondary amine containing two branched alkyl groups or tertiary amine, crystallising out from a resulting solution of *cis*-isomers of formula I in the organic amine base a 1 : 1 mixture of the 1A *cis* S- and 1S *cis* R-isomers, and evaporating off the organic amine base.

Compl. specn. 13 pages

Drg. 1 sheet

CLASS : 116 D

155979

Int. Cl. : B 65 g 3/00, 65/28 & 65/30.

TRANSPORT BUCKET SUITABLE FOR TRANSPORTING HOT MATERIALS IN BULK, ESPECIALLY FOR TRANSPORTING COKE.

Applicant : KRUPP KOPPERS GmbH, A GERMAN COMPANY OF MOLTKESTRASSE 29, 4300 ESSEN 1, WEST GERMANY.

Inventors : KARL SCHMID & BERNHARD BEINRICH.

Application for Patent No. 60/Del/82 filed on 28th January, 1982.

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Branch, New Delhi-110 005

5 Claims

Transport bucket, which is provided with a metallic lining and is suitable for transporting hot materials in bulk, especially for transporting coke, characterised in that a plurality of steel ledges are attached, in a superimposed arrangement, to the inner surface of the bucket wall, these ledges extending transversely around the wall and being provided with perforations, armour plates serving as the lining being loosely hooked into these ledges, in such a way that effective and complete coverage of the inner surface of the bucket wall is achieved.

Compl. specn. 8 pages

Drg. 1 sheet

CLASS : 152A 1

155980

Int. Cl. : C 08 f 3/64, 29/46, B 29 c 13/00, 27/00.

ACRYLIC COATING COMPOSITIONS AND A PROCESS OF PREPARING THE SAME

Applicant : DULUX AUSTRALIA LTD., A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF VICTORIA, AUSTRALIA, MANUFACTURERS AND MERCHANTS, OF 35 COLLINS STREET, MELBOURNE, VICTORIA, 3000, AUSTRALIA.

Inventors : DERRARD MICHAEL HALL, ROY ARTHUR KFMP AND CHRISTOPHER HENRY SUCH.

Application for Patent No. 89/Del/82 filed on 3rd February, 1982.

Convention date 13th February, 1981/PE 7589 (Australia).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch New Delhi-110005.

5 Claims

A liquid coating composition comprising a mixture of :

- a solution in volatile organic liquid of a copolymer of from 75-90% methyl methacrylate, 1.5-4.0% dimethyl aminocethyl methacrylate and 8-23.5% of monomer selected from butyl methacrylate, butyl acrylate and lauryl methacrylate, which copolymer shall have a glass transition temperature of 80°-95°C;
- a solution in volatile organic liquid of cellulose acetate butyrate which has a viscosity of 0.5 - 5.0 sec when measured according to Test Method D 1343 of the American Society for Testing and Materials, and a hydroxyl value of 2 maximum; and
- a monomeric ester plasticiser compatible with the selected mixture of the said components (a) plus (b)

such that the non-volatile constituents of (a), (b) and (c) comprises respectively 43.5 - 64.0%, 15.0 - 25.5% and 21.0-31.5% of the total weight of non-volatile material of (a) plus (b) plus (c).

Complete specn. 11 pages.

CLASS : 6A,

155981

Int. Cl. : F 01 c 13/04

IMPROVED RECIPROCATING COMPRESSOR UNIT FOR THE DELIVERY OF SUBSTANTIALLY OIL-FREE COMPRESSED AIR OR GAS.

Applicant : KRISHAN GOPAL KHOSLA, OF 11 PRITHVI RAJ ROAD, NEW DELHI, INDIA AN INDIAN CITIZEN.

Inventor : KRISHAN GOPAL KHOSLA

Application for Patent No. 175/Del/1982 filed on 3rd March, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch New Delhi-110005.

9 Claims

An improved reciprocating compressor unit for the delivery of substantially oil-free compressed air or gas which comprises a piston disposed for reciprocative movement within a cylinder said cylinder being mounted coaxially upon guide means adapted to align and guide said piston and its rod within said cylinder, said piston rod being connected to a crankshaft housed within a crankcase and adapted to drive said piston reciprocatively within said cylinder or within both said cylinder and said guide means characterized in that there is provided between the combination of cylinder and guide means and the crankcase an extension coaxial with the piston rod and through which said piston rod extends for connection to the crankshaft said extension piece constituting an airtight chamber to said guide means and being adapted to separate the guide means and cylinder from said crankcase so as to prevent lubricant from said crankcase entering the cylinder via the piston rod said extension piece being provided at or near its connection to the guide means with scrubbing means in frictional engagement with the piston rod said scrubbing means being adapted to scrub the surface of the piston rod clean of oil adhering thereto on an upstroke of the piston into the cylinder.

Compl. specn. 11 pages.

Drg. 1 sheet.

Ind. CLASS : 128 F 155982

Int. Cl. : A 61 m 5/00.

A PORTABLE ELECTRICALLY OPERATED INJECTING DEVICE.

Applicant & Inventor : SOO-BONG CHOI, KOREAN NATIONAL, AT 108-304, JOOGONG APT., DOONCHON-DONG, GANGDONG-KU, SEOUL, KOREA (REPUBLIC OF KOREA).

Application No. : 261/Bom/81 filed on September 8, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims

A portable electrically operated injecting device comprising a casing containing a syringe at one end of which is connected an injecting needle, a piston provided within the syringe, a gear shaft in threaded engagement with the piston, a stepper motor connected to the gear shaft through a gear train, control means to control the movement of the motor, a manual infusion switch connected to operating means for operating the said control means to actuate the motor, which in turn drives the gear shaft to inject the preset amount of fluid through the injecting needle.

Compl. specn. 10 pages.

Drg. 2 sheets.

Ind. CLASS : 128 F

155983

Int. Cl. : A 61 m 5/00.

AN ELECTRICALLY OPERATED PORTABLE SYRINGE FOR INJECTING INSULIN CONTINUOUSLY FOR A PERIOD OF TIME.

Applicant & Inventor : SOO-BONG CHOI, KOREAN NATIONAL, AT 108-304 JOOGONG APT., DOONCHON-DONG, GANGDONG-KU, SEOUL, KOREA (REPUBLIC OF KOREA).

Application No. 262/Bom/1981 filed September 8, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims

An electrically operated portable syringe for injecting insulin continuously for a period of time comprising a main case; a cylinder attached vertically by a lock-nut to the bottom of and inside the said main case; a piston movable within the said cylinder; a screwed gear shaft (5) which is in threaded engagement with the piston (4); a lock-bolt (12) provided below the lock-nut (2) for holding and aligning a fluid carrying syringe within which the piston (4) is moved; an injection needle connected to the end of the syringe tube and a stepper motor connected through gears to the screwed gear shaft.

Compl. specn. 7 pages

Drg. 1 sheet.

Ind. CLASS : 36 A₁

155984

Int. Cl. : C 09 j 7/02, 7/04.

FAN COVER.

Applicant & Inventor : NANDAN RAMDAS CHITTAL, 10/6, SAHAJIVAN HOUSING SOCIETY, BHATWADI, GHATKOPAR (W), BOMBAY-400 084.

Application No. : 12/Bom/1982 filed on January 14, 1982.

Comp. after Prov. left on January 13, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims

A fan cover to cover the blade and rotor surfaces of a ceiling fan, comprising of blade covers and a rotor cover, made up of thin, flexible film having coloured figures printed—27 GI/85

ed on one surface and an adhesive layer on the other, and the said covers having the shape and size of the fan blades and the rotor respectively and the blade cover having extension flaps to fix the cover on the blade firmly and to cover the upper surface of the blade fully or partially, and the adhesive surfaces of the said covers sticking closely to the said surfaces of the fan.

Prov. specn. 2 pages.

Drg. Nil.

Comp. specn. 7 pages.

Drg. 1 sheet.

Ind. CLASS : 62 B

155985

Int. Cl. : B05 c 1/00, 3/00, 5/00.

AN APPARATUS FOR OPEN WIDTH BATCHWISE SCOURING OF TEXTILE MATERIAL.

Applicant : THE BOMBAY TEXTILE RESEARCH ASSOCIATION OF LAL BAHADUR SHASTRI MARG, GHATKOPAR (WEST). BOMBAY-400 086. MAHARASHTRA, INDIA. AN INDIAN ASSOCIATION REGISTERED UNDER THE SOCIETIES REGISTRATION ACT, 1960

Inventor : (1) MADHAV DATTATRAYA DIXT. (2) SUSHIL BHALCHANDRA AJGAONKAR. (3) RAJESH BHASKAR SALASKAR.

Application No. 38/Bom/1982, filed on February 12, 1982.

Comp. after Prof. left on February 7, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims

An apparatus for openwidth batchwise scouring of textile material, said apparatus comprising a vertically disposed airtight scouring chamber, said chamber being provided with an airtight lid at its upper end and a steam outlet, said lid being provided with a transparent observation window, said chamber being further provided with a trough at its lower end, said trough being provided with a solvent heater and a solvent outlet, a solvent outlet line one end of which is connected to said solvent outlet and the other end of which is provided with a drain valve and opens into a gutter or the like in the atmosphere; a pair of batching rolls spaced apart and horizontally disposed in said chamber, said batching rolls being supported in said chamber and rotatable in the horizontal plane, said material to be scoured being wound on one of said batching rolls in openwidth, the free end or outer end of said material being threaded over a plurality of guide rolls and secured on the other of said batching rolls in openwidth, said guide rolls being spaced apart and horizontally disposed in said chamber below said batching rolls, said guide rolls being freely rotatably supported in said chamber, one of said guide rolls being disposed in said trough, said guide rolls being so disposed that said material emerging from said one batching roll and from said one batching roll through a solvent contained in said chamber, said solvent being non-reactive with said material and having no flash point; a steam spray unit comprising a first pair of tubes, said tubes being spaced apart and horizontally disposed and supported in said chamber between said one batching roll and said one guide roll such that said material emerging from said one batching roll and being guided over to said one guide roll passes through the space in-between said tubes in openwidth, said tubes being interconnected and closed at their ends and provided with perforations along their length at the surfaces confronting said material, said steam spray unit further comprising a second pair of tubes, said tubes of said second pair of tubes being spaced apart and horizontally disposed and supported in said chamber between said other batching roll and said one guide roll such that said material being guided over to said other batching roll from said one guide roll passes through the space in-between said tubes of said second pair of tubes in openwidth said tubes of said second pair of tubes being interconnected and closed at their ends and provided with perforations along their length at the surface confronting said material, said tubes of said first pair of tubes and said second pair of tubes being connectable to a solvent storage-cum-recovery unit connected to said solvent supply line, said steam outlet of said chamber and said

solvent outlet line; and a drive system comprising a reversible type electric motor connected to said batching rolls in known manner using known means such as pulleys, sprockets, shafts and chains in order to drive said batching rolls, solvent being fed into said chamber through said solvent supply line and heated to its boiling point by said heater, said material being treated by passing it through said solvent kept at its boiling point, by operating said batching rolls and residues of said solvent trapped in said material being evaporated and removed by steam applied on said material through said perforations of said tubes said steam being supplied through said steam supply line

Provisional specn. 3 pages;

Drg. 1 sheet

Compl. specn. 18 pages;

Drg. 1 sheet.

CLASS : 55E₂

155986

Int. Cl. : A 61 K 27/14.

ISOLATION OF VINBLASTINE AND VINCRIStINE OR THE SALTS THEREOF.

Applicant & Inventor : MANOHAR KESHAV SHETE, SANJAY SURENDRA BHANUSHALI & PROMOD MANOHAR SHETE, ALL OF DONGRE PARK CO-OPERATIVE HOUSING SOCIETY, KAILASHDHAM, BLOCK C-2, CHFMBUR, BOMBAY-400 074, MAHARASHTRA, INDIA.

Application No. 244/Bom/1984 filed September, 3, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

7 Claims

A process for the isolation of the two dimeric alkaloids Vinblastine and Vincristine of drug Vinca rosea L. or the acid addition salts thereof, comprising the steps of extracting the drug, crude (dried Vinca rosea L. leaves) with acidic aqueous methanol, evaporation of practically the total amount of methanol present in this extract acidifying the resulting concentrate, filtering this acidic aqueous phase and then alkalising it, using ammonium hydroxide & then extracting the alkaloids present in this solution with water immiscible organic solvent, evaporating this solution to dryness to get crude alkaloidal mixture, and subjecting this alkaloidal mixture to chromatographic separation on silica columns, collecting individual fractions containing Vinblastine and Vincristine, evaporating them separately to dryness & subjecting separately to recycle chromatography for further purification collecting the individual fractions separately & evaporation to dryness to obtain pure Vinblastine and Vincristine as their acid addition salts, and optionally converting them to free bases Vincristine and Vinblastine.

Compl. specn. 12 pages.

Drg. Nil

CLASS : 31-C

155987

Int. Cl. : B 28 b 19/00; H 01 c 9/00; H 01 t 1/00

PROCESS FOR FORMING A TAPERED OPENING IN A GLASS PASSIVATING COATING ON THE SURFACE OF A SEMI-CONDUCTOR BODY.

Applicant : RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK 10020 UNITED STATES OF AMERICA.

Inventors : 1. DORIS WINFRED FLATLEY, 2. SHENG TENG HSU.

Application No. 816/Cal/81 filed July 20, 1981.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta

9 Claims

A process for forming a tapered opening in a passivating coating of glass, such as borophosphosilicate glass on the surface of a semiconductor body comprising the steps of :

forming a layer of dense, undoped silicon oxide on the semiconductor body;

forming a layer of doped silicon oxide on the undoped layer, the doped layer characterized by having a given flow temperature,

forming a contact opening in both silicon oxide layers to expose a portion of the semiconductor body; and

heating both oxide layers to a temperature below the given flow temperature of the doped layer for a period of time sufficient to only soften and partially reflow the doped layer at the contact opening yet insufficient to form a significant oxide growth on the exposed portion of the semiconductor body.

Compl. specn. 10 pages.

Drg. Nil.

CLASS : 32-F

155988

Int. Cl. : C 08 f 27/02.

PROCESS FOR RECOVERY OF CHLORINATED POLY (VINYL CHLORIDE).

Applicant : THE B.F. GOODRICH COMPANY, 277 PARK AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : 1. ALAN JAMES OLSON, 2. ROBERT GERARD VIELHABER

Application No. 1320/Cal/81 filed November 24, 1981.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for recovering chlorinated poly(vinyl chloride) from a syrup of said chlorinated poly (vinyl chloride) dissolved in liquid chlorine, which is obtained during chlorination of PVC with liquid Cl₂, said process comprising,

(a) adding said syrup to a bifunctional liquid in which said liquid chlorine is substantially completely soluble, and CPVC is essentially insoluble,

(b) precipitating said chlorinated poly (vinyl chloride) as discrete solid particles, and

(c) recovering said solid particles.

Compl. specn. 13 pages.

Drg. 1 sheet.

CLASS : 128-K

155989

Int. Cl. : A 61 b 1/30, 17/44; A 61 m 29/00.

An INSTRUMENT FOR THE EXAMINATION OF VAGINA.

Applicant & Inventor : DR. BOMSI JAMSHED WADIA, C/O THE TATA IRON & STEEL CO. LTD., CHOWRINGHEE ROAD, CALCUTTA, STATE OF WEST BENGAL, INDIA.

Application No. 1329/Cal/81 filed November 25, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A surgical or medical instrument in particular for use by the doctor for examination of the vagina of a lady, said instrument being in the form of forceps and comprising a pair of pivoted members each having a handle at one end characterized by that at the other or opposite end of each member there is provided a blade each of which forms an obtuse angle with its respective member, each of said blades being in a plane at right angle to the plane of the said handle the inner faces of the said two blades which combinedly form the gripping means being made rough.

Compl. specn. 9 pages.

Drg. 1 sheet.

CLASS : 65-B,

155990

Int. Cl. : H 01 f 3/00.

LAMINATED MAGNETIC CORES.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : 1. JOHN SEFKO, 2. NORMAN MICHAEL PAVLIK.

Application No. 1339/Cal/81 filed November 26, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A. laminated magnetic core comprising :

- upper and lower spaced yoke members;
- core legs disposed between and magnetically joining the yokes;
- each yoke member and core leg being comprised of stacked laminations of magnetic material;
- each core leg having a longitudinal axis and including opposite edge walls and opposite web side walls extending between upper and lower yoke members;
- the web side walls having a plurality of openings comprising slot-like apertures and edge notches having depths extending parallelly to said edge walls transversely to the longitudinal axis of the core legs;
- the notches and apertures being spaced along the length of each core leg; and
- the apertures and notches extending through the laminations of the core legs and penetrating the web side walls, whereby magnetic saturation is delayed, and linear magnetization characteristics are obtained over an entire operation range of the magnetic core.

Compl. specn. 19 pages.

Drg. 7 sheets.

CLASS : 157-D₈ (a)

155991

Int. Cl. : E 01 b 3/00.

FIBRE-REINFORCED CONCRETE SLEEPERS.

Applicant & Inventor : DR. ANIL KRISHNA KAR, OF 251/A/20, N.S.C. BOSE ROAD, CALCUTTA-700047, WEST BENGAL, INDIA.

Application No. 158/Cal/82 filed February 10, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A fibre-reinforced concrete sleeper for use in rail tracks in which fibers of one or more materials as herein described having high tensile strength being distributed in the concrete in a predetermined amount, characterised in that the fibers are deformed near the end and optionally through their length.

Compl. specn. 11 pages.

Drg. Nil.

CLASS : 32-F (a); 55-E₄; 60-X₂d

155992

Int. Cl. : C 07 c 127/12.

A PROCESS FOR PREPARING N-(ARYLTHIOALKYL)-N'-(AMINOALKYL) UREAS.

Applicant : A. H. ROBINS COMPANY, INCORPORATED, OF 1407 CUMMINGS DRIVE, RICHMOND, VIRGINIA 23220, UNITED STATES OF AMERICA.

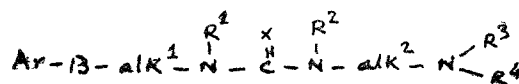
Inventors : 1. JAMES ROBERT SHANKLIN, JR. 2. CHRISTOPHER PETER JOHNSON.

Application No. 557/Cal/82 filed May 18, 1982.

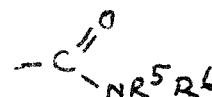
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A process for preparing a compound of formula I shown in the accompanying drawings, wherein



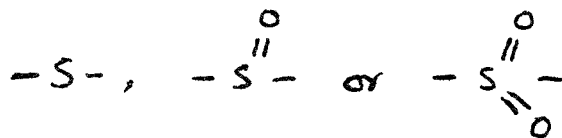
Ar is selected from the group consisting of 1 and 2-naphthyl, 2, 3-dihydro-1H-inden-4(or 5)yl, 2-furanyl, phenyl or phenyl substituted by 1-3 radicals which may be the same or different selected from the group consisting of loweralkyl, loweralkoxy, halogen, trifluoromethyl, nitro, cyano, or a group of formula shown in Fig. 1 of the drawings,



wherein R⁵ and R⁶ are selected from hydrogen or loweralkyl, and Ar may include one intervening methylene group attached to B,

R¹ and R² are selected from the group consisting of hydrogen, loweralkyl, cycloalkyl, phenyl or phenyl-loweralkyl wherein phenyl may be substituted by halogen, loweralkyl or loweralkoxy X is selected from oxygen or sulfur,

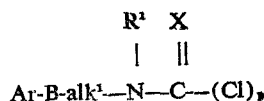
B is selected from the group consisting of those shown in Fig. 9 of the drawings,



R³ and R⁴ are selected from the group consisting of hydrogen loweralkyl, phenyl and phenyl-loweralkyl wherein phenyl may be substituted by halogen, loweralkyl or loweralkoxy and may be the same or different, or R³ and R⁴ taken together with the adjacent nitrogen form a pyrrolidine, piperidine, piperazine, 4-loweralkylpiperazine or morpholine group, alk¹ and alk² are selected from the group consisting of loweralkylene or loweralkylene-loweralkyl and may be the same or different, or

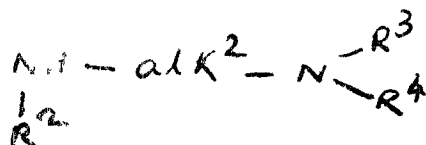
a pharmaceutically acceptable addition salt or hydrates thereof, which process comprises :

reacting a compound of formula III



Wherein Ar, alk¹, R¹ and X are as defined above, when R¹ is hydrogen, p is zero and the dotted line is a bond and when R¹ is other than hydrogen, p is 1 and the dotted

line is of no significance, with a compound of formula IIa shown in the drawings,



wherein R^2 , alk^2 , R^3 and R^4 are as defined above, with the proviso that if R^2 is not hydrogen, R^3 and R^4 are other than hydrogen or R^2 is the same as R^3 and R^4 is hydrogen or if required, converting the compound of formula I in to a pharmaceutical acceptable salt.

Compl. specn. 49 pages.

Drg. 2 sheets.

CLASS : 32-F₂(a)

155993

Int. Cl. : C 07 c 85/14; 87/36.

IMPROVEMENT IN A PROCESS FOR THE PRODUCTION OF CYCLOHEXYLAMINE.

Applicant : MONSANTO COMPANY, AT 800 NORTH LINDBURGH BOULEVARD, ST. LOUIS, MISSOURI-63167, UNITED STATES OF AMERICA.

Inventors : 1. HELMUT LUDWIG MERTEN, 2. GENE RAY WILDER.

Application No. 654/Cal/82 filed June 8, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Improvement in a process of hydrogenating aniline to produce cyclohexylamine comprising subjecting aniline to hydrogen pressure in contact with a ruthenium catalyst which is characterized by the presence of from about 1 to about 8 parts by weight of ammonia per 100 parts by weight of aniline at an absolute pressure of from about 2 to 5 MPa and at a temperature of from 160° to 180°C.

Compl. specn. 12 pages.

Drg. Nil.

CLASS : 32-F, b; 55-E₁; 60-X, d

155994

Int. Cl. C 07 d 53/00.

A PROCESS FOR THE PREPARATION OF NEW BICYCLIC COMPOUNDS.

Applicant : RICHTER GEDEON VEGYESZETI GYAR RT., OF 19-21 GYOMROI UT, BUDAPEST, HUNGARY.

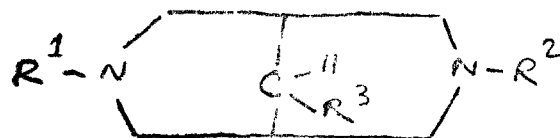
Inventors : 1. DR. KAROLY NADOR, 2. DR. GABOR KRAISS, 3. DR. KATALIN SINKO, 4. DR. MARGIT PAROCZAI, 5. DR. EGON KARPATI, 6. DR. LASZLO SZPORNY.

Application No. 832/Cal/82 filed July 20, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for the preparation of a new bicyclic compound of the general formula (I) shown in the accompanying drawings,

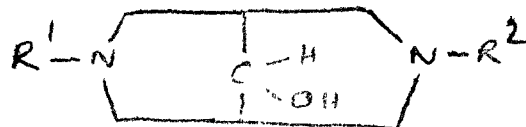


wherein

R^1 and R^2 each represent a C_{1-6} alkyl group, and

R^3 is an etherified hydroxy group of the formula $-OR^4$, wherein R^4 is benzyl group, benzhydryl group or a phenyl group bearing optionally a phenyl or a trihalomethyl substituent or one or more halogen substituent (s),

or a stereoisomer or a pharmaceutically acceptable acid addition salt thereof, characterised in that a compound of the general formula (II)



wherein R^1 and R^2 are as defined above, or the corresponding 9-alkali metal alcoholate is reacted in a manner such as herein described with a compound of the general formula (III),



(III)

wherein R^4 is as defined above and X is halogen, or and, if desired, the individual isomers are separated from a substance obtained as an isomeric mixture, and/or a compound of the general formula obtain as a free base is converted into its pharmaceutically acceptable acid addition salt, or a base of the general formula (I) is liberated from its salt.

Compl. specn. 18 pages.

Drg. 1 sheet.

CLASS : 32-F₂a; 55-E₁

155995

Int. Cl. : C 07 c 113/00; A 61 k 27/00.

PROCESS FOR PREPARING 2-AMINO-3-BENZOYL-PHENYLACETAMIDES AND CYCLIC HOMOLOGUES.

Applicant : A. H. ROBINS COMPANY, INC. OF 1407 CUMMINGS DRIVE, RICHMOND, VIRGINIA 23220, UNITED STATES OF AMERICA.

Inventors : 1. JAMES ROBERT SHANKLIN JR. 2. DWIGHT ALLEN SHAMBLEE, 3. DAVID ALLAN SHAMBLEE, 3. DAVID ALLAN WALSH.

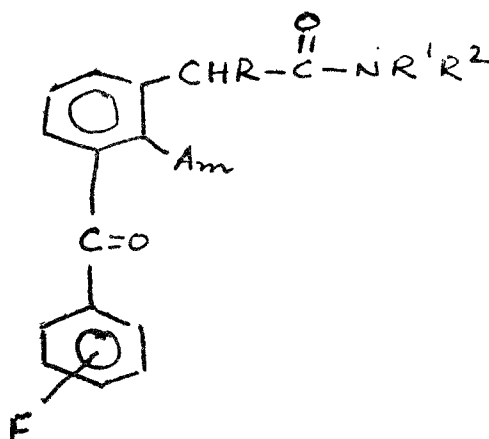
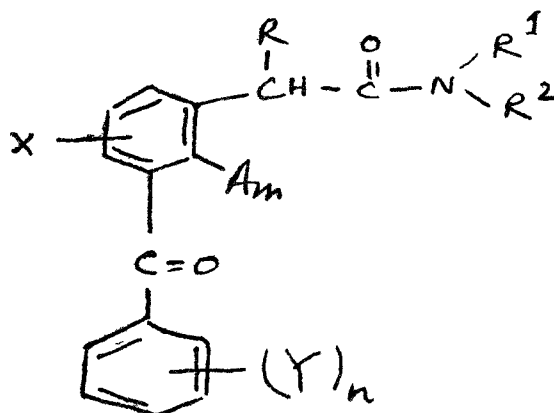
Application No. 1507Cal/82 filed December 30, 1982

Division of Application No. 1092/Cal/80 dated 26th September, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for preparing a compound having the formula I shown in the accompanying drawings



wherein R is hydrogen or lower alkyl,

R¹ and R² are selected from hydrogen, lower alkyl, cycloalkyl, phenyl and phenyl substituted by lower alkyl, lower alkoxy, halogen, nitro and trifluoromethyl, or R¹ and R² when taken together with the adjacent nitrogen from a heterocyclic residue,

X is hydrogen,

Y is lower alkylthio,

Am is a primary amino (-NH₂), methylamino or dimethylamino, and n is 1 which process comprises:

reacting a compound of formula Ib shown in the drawings wherein R, R¹ and R² and Am are as defined above with a compound of formula

NaS-lower alkyl.

Compl. specn. 11 pages.

Drg. 1 sheet.

CLASS : 206-E

155996

Int. Cl. : H 03 k 3/00, 17/00.

STATIC VAR GENERATORS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : 1. MICHAEL BARNABAS BRENNEN, 2. LASZLO GYUGYI, 3. ERIC JOHN STACEY.

Application No. 51/Cal/83 filed January 13, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A static VAR generator comprising a capacitive current means disposed for connection into an AC network, a monitoring means connected to said AC network for monitoring the capacitive current requirement of the AC network, a control means connected to said capacitive current means and said monitoring means for causing connection of said capacitive current means into said AC network, and an auxiliary shutdown means disposed to allow said switching means to disconnect said capacitive current means from the AC network without causing restriking transients in the event of failure of said monitoring means or said control means.

Compl. specn. 17 pages.

Drg. 5 sheets.

CLASS : 98L.

155997

Int. Cl. : F24j 3/02, 3/04.

"SPIRAL FRESNEL REFLECTOR FOR REFLECTING AND CONCENTRATING SOLAR ENERGY AND METHOD FOR FORMING THE SAME".

Applicant : GEORGIA TECH RESEARCH INSTITUTE, a Georgia corporation of 225, North Avenue, Atlanta, Georgia 30332, United States of America.

Inventor : RICHARD AREND STEENBLIK and DARVEIGN HO.

Application for patent No. 139/Del/81 filed on 12th March, 1981.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

28 Claims

A fresnel reflector for reflecting and concentrating solar energy which comprises a spiral length of flat reflective material, said spiral length having an inner end and an outer end, one of said being fixed and the other of said ends being circumferentially wound up in the direction of said spiral by a predetermined degree, whereby each circumferential portion of said spiral is tilted in the radial direction from the plane of said spiral to focus light reflected from said spiral.

(Complete Specification 28 pages. Drawing 10 sheets).

CLASS : 68 D.

155998

Int. Cl. : H02h 3/28, 3/00.

H01h 83/00.

"PROTECTION APPARATUS FOR ELECTRIC POWER TRANSMISSION SYSTEMS".

Applicant : THE GENERAL ELECTRIC COMPANY LIMITED, a British Company, of 1 Stanhope Gate, London, W1A 1EH, England.

Inventor : ADRIAN ORTON NEWBOULD.

Application for patent no. 145/Del/81 filed on 16th March, 1981.

Convention date 21st March, 1980/8009709/(U.K.).

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A protection apparatus for a first feeder of an electrical power transmission system incorporating compensation for mutual coupling between said first feeder and a second feeder of the system, the apparatus including : first current transformer means connected to said first feeder for deriving an output signal representative of the zero sequence current in said first feeder; second current transformer means connected to said second feeder for deriving an output signal representative of the zero sequence current in said second feeder; amplifying and limiting means connected with said first and second current transformer means for deriving an output signal which is proportional to the output signal of said second current transformer means when the ratio of the output signals of the second and first current transformer means is below a predetermined value and when said ratio is above said predetermined value is limited to a value proportional to the output signal of said first current transformer means; and circuit breaker operating means connected with said amplifying and limiting means for utilising the output signal of said amplifying and limiting means for compensating for mutual coupling between said first feeder and said second feeder.

(Complete specification 11 pages. Drawing 3 sheets).

CLASS . 103C3. 155999

Int. Cl. . C21c 1/10

'A PROCESS FOR THE MANUFACTURE OF NODULAR OR SPHEROIDAL CAST IRON'.

Applicant . SCOOTERS INDIA LIMITED, an Indian Company of Sarojinagar, P.O., Post Bag No. 1, Lucknow-226 008, India

Inventor . ARUNADITYA SAHAY

Application for patent No 163/DEL/81 filed on 24th March, 1981.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A process for the manufacture of nodular or spheroidal cast iron comprising the steps of forming a horizontal bed of a nodulating or spheroidizing agent such as magnesium or a magnesium alloy within a ladle, forming a protective crust or cover of a refractory material bonded by a resinous material which polymerises when the ladle becomes red hot, over the said bed, providing at least one orifice in the crust or cover, covering the said orifice or orifices with steel chips of uniform medium size as hereinbefore defined and introducing pretreated molten iron into the ladle, the molten iron melting the steel chips and entering through the said orifice or orifices into the said bed to release the nodulating agent in the form of vapour to use in the molten iron, nodulating or spheroidizing the same.

(Complete specification 14 pages Drawing 1 sheet).

CLASS . 172C₂ 156000

Int. Cl. D01g 9/06

"AN OPENING UNIT FOR OPEN-END SPINNING MACHINES".

Applicant . HOLLINGSWORTH GMBH of 7265 Neubulach 5, West Germany, a German company.

Inventor . KARL HEINZ SCHMOLKE

Application for patent no. 157 D.1/81 filed on 1st April, 1981.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

An opening unit for an open end spinning machine comprising an opening unit fitted with a clothing of sawtooth wire, a housing which surrounds this roller closely over part of its periphery, a delivery slot in the housing, a fibre guide duct following the housing in the direction of rotation of the opening roller and a dirt separation duct under reduced pressure which is situated between the delivery slot and the fibre guide duct, characterised in that a paralleling segment formed from sawtooth wire sections is provided within that wall of the housing which faces towards the opening roller on at least one side of the dirt separation duct.

(Complete specification 9 pages. Drawing 1 sheet).

CLASS . 32F3(b), 70C₂ 156001

Int. Cl. . C07c 51/40.

'ELECTROCHEMICAL PROCESS FOR SYNTHESISING CARBOXYLIC ACIDS'.

Applicant IRI BRITISH PETROLLOM COMPANY p.l.c., Of BRITANNIC HOUSE, MOOR LANE, LONDON EC2Y 9BU, ENGLAND, UNITED KINGDOM, A BRITISH COMPANY.

Inventors : DAVID EMMERSON BROWN, STEPHEN MARTLEW HALL AND MAHMOOD NOURALDIN MAHMOOD

Application for patent no. 905/Del/82 filed on 11th December, 1982.

Convention date 11th December, 1981/81 37524(G.B.).

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

An electrochemical process for synthesising carboxylic acids of the kind used is herein described by reduction of gaseous oxides of carbon characterised in that a gas transfer electrode is used as the cathode.

(Complete Specification 9 pages)

CLASS : 106 & 156-E. 156002

Int. Cl. : F 04 f 5/00.

AN IMPROVED SOIL INJECTOR.

Applicant & Inventor : NAMBAMUDI SINNAIAH VELLASITHAN SINNAIAH, OF VELANIPATTY KATTAMPUR POST, RAMNAD DISTRICT, TAMIL NADU.

Application No. 80/Mas/82 filed April 27, 1982.

CLASS : 10 F & 116 G.

156004

Complete specification left April 22, 1983.

Int. Cl. : F42b 33/00, 39/00 B66c 1/42.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

"AMMUNITION CASSETTE".

7 Claims

An improved soil injector comprising a cylinder having a movable piston sealingly engaging with its inner surface; said cylinder being provided with a first opening which is connected to liquid inlet and a second opening which leads to a passage formed with a housing integrally formed with or detachably secured to the lower end of said cylinder, said passage being communicated with a downwardly extending hollow needle having a lower pointed end, said first opening being equipped with a flap valve, whereas said second opening is equipped with a plug valve, said flap valve and plug valve being secured to the two ends of a lever, the lower end of said passage which leads to said hollow needle being provided with a one way valve which prevents upward flow of fluid from hollow needle towards said passage, said hollow needle being provided with a plurality of outlet holes towards the proximity of its lower pointed end.

(Prov. 9 pages; Com. 8 pages; Drwgs. 1 sheet of size
33.00 cms. × 41.00 cms.)

CLASS : 61-A.

156003

Int. Cl. : F 26 b 3/00+19/00.

A PROCESS AND DEVICE FOR CURING GREEN CARDAMOM.

Applicant & Inventor : SUSARLA VENKATA SRINIVASA SASTRI, 142/1, PIPE RAMAN COLONY, KARSHAKA ROAD, ERNAKULAM, COCHIN-682016, KERALA.

Application No. 136/Mas/82 filed June 22, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A process for curing green cardamom comprising stacking the cardamom in an enclosed chamber, curing the stacked cardamom in two stages under fluidised bed condition by passing hot air therethrough at a pressure ranging from 75 × 100 mm of water wherein the temperature of the hot air and the duration of passing the hot air in the first stage being from 35 to 45°C and 4 to 8 hours, respectively, and the temperature of the hot air and the duration of passing the hot air in the second stage being from 50 to 55°C and 1 to 4 hours, respectively and thereafter drying the cured cardamom by raising the temperature of the hot air to between 60 and 75°C.

A device for carrying out the process as claimed in any of the preceding claims comprising a blower unit which blows preselected volume of air at a predetermined pressure to a heating chamber having heat generator(s) to heat the air at a controlled temperature, an expansion chamber disposed between said heating chamber and a trough or tray having an air permeable base and an exhaust duct for letting out the flue gas.

Compl. 8 pages,

Drgs. 1 sheet.

Inventors : OLLE GUSTAVSSON & GORAN SUNDMAR.

Application for patent No. 91/Del/81 filed on 19th February, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

11 Claims

An ammunition cassette comprising a frame; a plurality of elements mounted on said frame in parallel relationship to each other and forming pairs to define a space between each pair of elements for the reception of a round of ammunition, each said element having a retaining portion rotatable between a first position at which said retaining portions of a pair of elements are directed inwards towards each other so as to retain said round of ammunition in said space and a second position at which said retaining portions enable said round of ammunition to be received in or deposited from said space; and a plurality of elongate holding troughs mounted to said frame, one said trough between each pair of elements to engage and hold said round of ammunition received in said space between a respective trough and the pair of elements associated therewith when said pair of elements are at said first position, said trough being mounted to said frame by means enabling each trough to tilt downwards toward its associated pair of elements when said round of ammunition is loaded into said space therebetween.

Compl. specn. 15 pages.

Drgs. 2 sheets.

PATENTS SEALED

152624 152745 152756 152770 152807 152873 152874 152899
152908 152923 152935 152960 152965 152986 153010 153016
153029 153033 153059 153813

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that the Nirlon Synthetic Fibres & Chemicals Limited, of Nirlon House, 254-8, Dr. Annie Besant Road, Worli, Bombay-400 025, State of Maharashtra, India, a company incorporated under the Indian Companies Act, 1913 has made application under section 57 of the Patent Act, 1970 for amendment of specification of their application for Patent No. 64/BOM/81 for "An improved process for the preparation of terephthalic diamide." The amendments are by way of additional description to make description and claims more clear. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Todi Estate, 3rd Floor, Sunmill Compound, Lower Parel (West), Bombay-400 013 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within 3 months from the date of this notification at the Patent Office Branch, Bombay. If the Written Statement of opposition not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

COMMERCIAL WORKING OF PATENTED INVENTION

ELECTRICAL ENGG LIST II

The following patents in the field of Electrical Engineering Industry are not being commercially worked in India as admitted by the patentees in the statement filed by them under Section 146(2) of the Patents Act 1970 in respect of Calendar year 1983 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to work the said patents commercially may contact the patentees for the grant of licence for the purpose.

S. No.	Patent No.	Date of Patent	Name and address of the patentees	Title of the invention
1	2	3	4	5
1.	137351	9-1-1973	ALLMENA SVENSKA ELETRISKA AKTIEBOLAGET of Vasteras, Sweden.	Insulating part of electric switching device.
2.	137387	25-1-1973	ESB INCORPORATED of 5 Penn Center Plaza, Philadelphia Pennsylvania 19103 USA.	An electrical-medical device for modifying the naturally occurring electric potential of a living body.
3.	137421	5-2-1973	MASCHINENFABRIK REINHAUSEN GEBRÜDER SCHEUBECK KG. of 8 Folkensteinstrasse 84, Regensburg FRG.	A transformer housing.
4.	137581	21-11-1973	HITACHI LTD of 4-1 Chome, Marunouchi, Chiyoda-ku Tokyo Japan.	Rotary electric machine of the liquid cooled type.
5.	137673	4-4-1973	LA TPEMECHANIQUE ELECTRIQUE of 33 bis et 33 ter, Avenue du Marechal Joffre 9200 Nanterre France.	System providing power supply connection and inter connections for logic blocks.
6.	137701	24-1-1973	ISHIKAWAJIMA HARIMO JUKOGYO KABUSHIKI KAISHA of 2-1-2-chome, Otemachi, Chiyoda-ku Tokyo to Japan.	Electric direct arc furnace.
7.	137713	16-11-1973	RCA CORPORATION OF 30 Rockefeller Plaza, New York 10020 USA	Leakage current prevention in semiconductor integrated circuit devices.
8.	137720	25-3-1973	WFSTINGHOUSE ELECTRIC CORPORATION of Pittsburgh Pennsylvania USA.	Thrust bearing assembly.
9.	137797	18-6-1973	NIPPON HOSO KYOKAI of 2-3, 2-chome, Uchisaiwai-cho, Chiyoda-ku Tokyo Japan.	A frequency converting device.
10.	137800	12-9-1973	SIEMENS AG of Berlin & Munich, Germany (West)	A support for a movable contact of an electrical switch.
11.	137812	10-9-1973	HITACHI LTD of 5-1, 1-chome, Marunouchi, Chiyoda-ku Tokyo Japan.	Current limiting circuit breaker.
12.	137813	12-9-1973	SIEMENS AG of Berlin & Munich, Germany (west).	A STATIC converter.
13.	137832	28-7-1973	BURROUGHS CORPORATION OF BURROUGHS Place, Detroit, Michigan 48232 USA.	A data processing system.
14.	137899	9-11-1973	Do.	Pulse shaping circuit.
15.	137925	18-12-1972	Do.	A process for producing microprogram or a soft interpreter for a computer.
16.	138001	15-1-1973	ANTONIO BRANDESTINI of Alile Lovel strasse 60, Kusnacht, Switzerland.	Wire cable anchoring assembly.
17.	138022	22-5-1973	SIEMENS AG of Berlin & Munich West Germany.	A.C. switching magnet having a short circuiting ring.
18.	138037	25-9-1973	BURROUGHS CORPORATION OF Burroughs Place, Detroit, Michigan 48232 USA.	Improvements in computing system.
19.	138046	15-5-1973	N.V. PHILIPS' GLOEILAMPENFABRIEKEN of Emmasingel 29, Eindhoven (Holland).	System for the transmission of signals by companded delta modulation.

1	2	3	4	5
20.	138047	31-5-1973	HITACHI LTD of 4, 1-chome, Marunouchi, Chiyoda-ku Tokyo Japan.	Shielded conductors in a diskwinding for an electrical inductive device.
21.	138095	17-12-1973	WESTINGHOUSE ELECTRIC CORPORATION, of Westinghouse Bldg, Gateway, Center Pittsburgh Pennsylvania, 15222 USA.	A method of making a thyristor.
22.	138096	27-12-1973	GKD PRAHA OBOROVY PODNIK of Praha, Czechoslovakia.	A cooling system.
23.	138106	25-9-1973	SIEMENS AG of Munich & Berlin, West Germany.	A static converter.
24.	138160	1-2-1974	WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse Bldg, Gateway Center Pittsburgh Pennsylvania 15222 USA.	A rectifier assembly for brushless excitation systems.
25.	138272	9-10-1973	Do.	A rectifier assembly for brushless excitation system.
26.	138284	16-8-1973	BURROUGHS CORPORATION OF Burroughs Place, Detroit, Michigan 48232 USA.	Digital data copy duplication apparatus utilizing bit-to-bit data verification
27.	138313	23-4-1973	F.L. SMIDTH & CO A/S of 77 Vigerslev Alle Dk-2500 Copenhagen valby Denmark	Electrostatic dust precipitator.
28.	138327	16-8-1973	BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan 48232 USA.	A microprogrammed processor apparatus.
29.	138328	8-8-1973	Do.	Microprogrammable parallel bit digital computer.
30.	138343	1-2-1974	DIAMOND POWER SPECIALITY CORPORATION of U.S. Route 22, East Lancaster Ohio USA.	Flexible power connection means for travelling elements.
31.	138361	16-5-1974	Do.	Multi level information processing system.
32.	138368	18-4-1973	RCA CORPORATION of 30 Rockefeller Plaza New York New York 10020 USA.	A color image composite signal translating system.
33.	138370	25-5-1974	FERRANTI LTD of Hollinwood In the country of Lancashire England.	Apparatus for checking and correcting the heading alignment of an inertial platform carried by a vehicle.
34.	138382	21-10-1972	BURROUGHS CORPORATION of 6071, Second Avenue of Burroughs Detroit, Michigan 48232 USA.	Device for the transfer of service process information particularly for synchronization in an electronic calculator.
35.	138387	19-12-1973	SIEMENS AKTIENGESSELLSCHAFT of Berlin & Munich, Germany West.	Equipment for preventing control actions by a central system controller.
36.	138432	6-9-1973	BURROUGHS CORPORATION of Burroughs place, Detroit, Michigan 48232 USA.	A digital computer system having control means for transferring binary coded information.
37.	138445	17-8-1973	BURROUGHS CORPORATION	Data processing systems.
38.	138446	7-8-1973	Do.	Fault alarm and control apparatus.
39.	138463	21-11-1973	ALLMENA SVENSKA ELECTRISKA AKTIE-BOLAGET of Vasteras, Sweden.	Series capacitor bank for achieving an interrupted stabilization of the conduction of operation in high voltage electric power supply networks.
40.	138501	8-8-1973	BURROUGHS CORPORATION of Burroughs place Detroit, Michigan 48232 USA.	Data retrieval system for retrieving digital data from a record medium.
41.	138520	7-8-1973	Do.	A digital storage system.
42.	138590	2-3-1973	THE ELECTRIC ACTUATOR CO LTD of Bolling Road, Bradford 4, in the country of York, England.	Improvements in or relating to electric actuator.

1	2	3	4	5
43.	138676	4-4-1974	SIEMENS AKTIENGESELLSCHAFT of Berlin and Munich, West Germany.	Circuit for processing binary signals.
44.	138748	28-2-1974	SNAMPROGETTI SPA of 16 Corso Venezia, Milan, Italy.	Electric computing apparatus for a fuel injection system for internal combustion engines.
45.	138818	19-12-1973	SIEMENS AKTIENGESELLSCHAFT of Berlin & Munich, West Germany.	Signal holding circuitry for example circuitry used within a step control system.
46.	138866	28-8-1973	BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan 48232 USA.	Solenoid control system.
47.	138906	7-2-1974	SIEMENS AKTIENGESELLSCHAFT Berlin & Munich, West Germany.	Control system for a plurality of machines supplying a load.
48.	138914	18-9-1973	HITACHI LTD of 4-1-Chome, Marunouchi, Chiyoda-ku Tokyo Japan.	Circuit interrupting device.
49.	139058	19-4-1974	MOSEBACH MANUFACTURING CO of 1115 Arlington Avenue, Pittsburgh Pennsylvania 15203 USA.	Grid resistor.
50.	139098	28-2-1973	JEAN ROCHET S.A. of 3 BIS Rue, du Congress 92600 Asnieres France.	Improvements in or relating to a miniature signal lamp with base and to the process and apparatus for its manufacture.
51.	139217	8-8-1973	BURROUGHS CORPORATION Burroughs Place, Detroit, Michigan 48232 USA.	Improved capacitive read only memory.
52.	139255	14-8-1973	Do.	Fail soft interruptor device system for a data processing system.
53.	139271	12-11-1974	HITACHI LTD of 5-1, 1-chome, Marunouchi Chiyoda-ku, Tokyo, Japan.	Chopper control system.
54.	139272	18-4-1973	RCA CORPORATION of 30 Rockefeller Plaza New York, New York 10020 USA.	A color image translation system.
55.	139424	24-5-1974	USS ENGINEERS & CONSULTANTS INC of 600 Grant street, Pittsburgh Pennsylvania USA.	Method for uniform electroplating of sheets and strip.
56.	139475	10-8-1973	GIRLING LTD of Kings Road, Tyseley Birmingham 11 England.	Improvements in or relating to electrical plug and socket connectors.
57.	139523	9-8-1973	BURROUGHS CORPORATION of Burroughs place, Detroit, Michigan 48232 USA.	Means for testing programmable data communication terminal.
58.	139550	12-11-1974	Do.	Leadless ceramic package for integrated circuit having heat sink means.
59.	139569	9-7-1973	GENERAL ELECTRIC CO of 1 River Road, chencetady, New York USA.	A capacitor and method of manufacturing the same.
60.	139847	3-4-1974	BURROUGHS CORPORATION of Burrough Place, Detroit, Michigan 48232 USA.	A micro program data processor having parallel instruction flow streams for plural levels of subinstruction sets.
61.	139855	3-7-1974	Do.	Fail safe system for energizing the capton Motor of a magnetic tape transport system.
62.	139889	17-8-1973	Do.	An apparatus for processing data in accordance with a stored programme.
63.	139964	29-8-1973	Do.	A micro programmable multi processor system.
64.	139967	12-11-1973	WESTINGHOUSE ELECTRIC CORPORATION Pittsburgh, Pennsylvania USA.	Circuit interruptor comprising electromagnetic opening means.
65.	139985	26-6-1973	N.V. PHILIPS' GLOEILAMPENFABRIKEN of Emmasingel 29, Eindhoven (Holland).	System for locating faulty line repeaters of repeaters station in a transmission line.

ELECTRICAL ENGG LIST III

COMMERCIAL WORKING OF PATENTED INVENTION

The following patents in the field of Electrical Engineering Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under section 146(2) of the Patents Act, 1970 in respect of calendar year 1983. Generally on account of want of requests for licences to work the said patents, commercially may contact the patentees for the grant of licence for the purpose.

S. No.	Patent No.	Date of Patents	Name & address of patentees	Title of the Invention
1	2	3	4	5
1.	140013	9-11-1973	BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan 48232 USA.	Magnetic recording verification.
2.	140045	7-8-1973	Do.	Digital computer apparatus.
3.	140054	19-7-1974	Do.	Display panel.
4.	140085	14-9-1973	Do.	Apparatus for automatic generation of minicomputer instructions for discrete classes of applications.
5.	140105	26-7-1974	SIEMENS AKTIENGESSELLSCHAFT of Berlin & Munich, West Germany.	Improvements in or relating to microwave circulators.
6.	140163	8-8-1973	THE SOLARTRON ELECTRONIC GROUP LTD of Victoria Road, Farnborough Hampshire, England.	Improvements in weapon training systems particularly for stimulating the use of a weapon.
7.	140176	12-11-1974	BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan 48232 USA.	A data given information processing systems.
8.	140339	10-12-1973	N.V. PHILIPS' GLOEILAMPEN-FABRIEKEN of Emmasingel, Eindhoven, Netherlands.	Luminescent screen.
9.	140386	6-3-1975	SIEMENS AKTIENGESSELLSCHAFT of Berlin & Munich, West Germany.	An electromagnetically operable switch arrangement.
10.	140457	15-11-1973	LODGE-COTTRELL LTD. of Geroge street, Parade, Birmingham England.	Automatic voltage controller.
11.	140529	17-8-1973	ELECTRONIC LABORATORIES INTERNATIONAL INC of 1190 Pompton Avenue, Cedar Grove, New Jersey 07009 USA.	A diode rectifier unit and lamp combination.
12.	140534	17-10-1974	PHILIPS INDIA LTD of Shivsagar Estate, Block A Dr. Annie Besant Road, Worli, Bombay-400 018.	Improved ferrite drum core.
13.	140560	10-7-1974	BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan 48232 USA.	A microprogrammable computer systems
14.	140572	11-7-1974	Do.	Chain printer utilizing a plurality of teeth for engaging driving means and apparatus for generating a unique binary code.
15.	140601	23-11-1973	THE GENERAL ELECTRIC COMPANY LTD of 1, Stanhope Gate London W 1A IEH England.	Improvements in or relating to protective devices for electrical power transmission system.
16.	140603	9-4-1974	BURROUGHS CORPORATION of Burroughs place, Detroit, Michigan 48232 USA.	A small microprogramme data processing system employing multisyllable micro instructions.
17.	140736	26-9-1973	WESTINGHOUSE ELECTRIC CORPORATION of Pittsburgh, Pennsylvania USA.	Protective relay system.
18.	140745	17-8-1974	LODGE-COTTRELL LTD of George street, Parade, Birmingham 11 England	Rectifier control circuit.

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19.	140869	4-2-1975	SIEMENS A.G. of Berlin & Munich, West Germany.	Electromagnetically operate switch gear.
20.	140928	15-4-1974	MONSANTO COMPANY of 700 North Lindebergh Boulevard, St. Louis, Missouri 63166 USA.	Capacitor and dielectric impregnant composition therefor.
21.	140988	19-12-1973	SIEMENS AG of Berlin & Munich, West Germany.	Improvements in or relating to carriers frequency data transmission system.
22.	141057	27-12-1973	GOULD INC of 1110 Highway 110, Mendota Heights Minnesota USA.	A method of making a lead acid storage battery and battery itself capable of activation by the addition of electrolyte.
23.	141075	19-3-1973	WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse bld, Gateway center Pittsburgh Pennsylvania 15222 USA.	OUT door current limiting fuse.
24.	141177	16-10-1973	E.I. DU PONT DE NEMOURS & CO of Wilmington, Delaware USA.	An electrolytic process and electrolytic cells thereof.
25.	141426	3-12-1974	USS ENGINEERS & CONSULTANTS INC At 600 grant street, Pittsburgh State of Pennsylvania USA.	Improvements in or relating to process for electro-deposition of tin on to steel sheet and strip.
26.	141499	15-5-1975	WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse bldg, Gateway center Pittsburgh Pennsylvania USA.	Electrical measuring instrument.
27.	141692	21-5-1974	Do.	Failsafe optically coupled logic networks.
28.	141694	27-5-1974	SNAMPROGETTI SPA of 16 Corso Venezia, Milan Italy.	Apparatus suitable for examining submerged pipelines.
29.	141753	22-3-1974	UNION CARBIDE CORPORATION of 270 Park Avenue New York, State of New York, 10017 USA.	Push button switching nodule for flashing light and its use in flash light.
30.	141763	18-7-1974	N.V. PHILIPS' GLOFILAMPENFABRIEKEN of Emmasingel 29, Eindhoven, Netherlands.	Circuit arrangement including a syrtator resonant circuit.
31.	141852	25-11-1974	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi 1 India.	Improvements in or relating to the removal of oxide coatings of valve metal substrate insoluble anodes used for electro chemical process.
32.	141868	20-9-1974	UNION CARBIDE CORPORATION of 270 Park Avenue, New York, State of New York 10017 USA	Primary dry cells.
33.	141883	1-5-1973	LES FORGES DE ZEEBRUGGEE S.A. of 71 to 145 Rue Bellenay 4400 Herstaller, Liege Belgium.	A power source of propellant for a rocket motor.
34.	141958	17-10-1974	HITACHI LTD of 5-1, 1-Chome, Marunouchi, Chiyodaku Tokyo Japan.	Regenerative break control system for DC motor.
35.	141988	26-10-1974	RCA CORPORATION of 30 Rockefeller Plaza, New York 10020 USA.	Semiconductor devices and method of making the same.
36.	142070	30-9-1974	SIEMENS-ALBIK AKTIENGESSELLSCHAFT of Albisriederstrasse 245, 8047 Zurich Switzerland.	Improvements in or relating to doppler pulse radar systems.
37.	142073	4-8-1975	BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan 48232 USA.	Data processing system.
38.	142097	11-4-1974	SIEMENS AKTIENGESSELLSCHAFT of D-800 Munchen 22, Postfach 251 West Germany.	Switching device.
39.	142175	25-9-1974	N.V. PHILIPS GLOEILAMPENFABRIEKEN of Emmasingel Eindhoven Netherlands.	Low pressure mercury vapour discharge lamp.

1	2	3	4	5
40.	142331	3-10-1975	BRITISH STEEL CORPORATION of 33, Grosnover Place, S.W. 1 England.	Improvements in or relating to non destructive testing apparatus.
41.	142347	20-9-1974	EDWARD KOPPELMAN of 424 Bergano Drive Enicno California USA.	Process and apparatus for seasoning wood.
42.	142348	8-1-1976	COUNCIL OF SCIENTIFIC & INDUS- TRIAL RESEARCH of Rafi Marg, New Delhi-1 India	A process for the extraction of gallium from sodium aluminate liquors (Bayor Liquor) obtainable from alumina pro- ducing plants
43.	142354	12-2-1975	BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan 48232 USA	A data storage device
44.	142388	4-6-1974	SIEMENS AKTIENGESELLSCHAFT of Berlin & Munich West Germany	An electromagnetic switching device
45.	142422	30-6-1975	USS ENGINEERS & COUNSULTANTS INC of 600 Grant Street, Pittsburgh State of Pennsylvania USA	Electrolytic treating apparatus
46.	142505	22-5-1975	DAVID SCIACKY of 999 North Lake shore drive, Chicago Illinois USA	Method of effecting a good weld by a welding equipment of rotary arc type and apparatus therefore.
47.	142518	1-8-1975	RHONE POULENC INDUSTRIES of 22 Avenue Montaigne 75, Paris (7th) France	Microporous membrane and a method of obtaining them
48.	142578	21-12-1974	BURROUGHS CORPORATION Michigan 48232 USA	A binary data processor
49.	142590	31-5-1974	COUNCIL OF SCIENTIFIC INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1, India	Normal beam probes of ultra sonic non destructive testing.
50.	142647	25-6-1975	JOHN MANVILLE CORPORATION of 22nd East 40th Street, New York 16 State of New York USA	An electric furnace with an improved furnace outlet
51.	142777	10-9-1975	SIEMENS AKTIENGESELLSCHAFT of Berlin & Munich West Germany	Improvements in or relating to sealing bodies for cable bed ins
52.	142824	18-7-1974	RCA CORPORATION of 30 Rockefeller Plaza, New York-100-20 USA.	Semi conductor device with heat sink
53.	142886	28-1-1976	SIEMENS AKTIENGESELLSCHAFT of Berlin & Munich, West Germany.	Improvements in or relating to PCM regenerator
54.	142909	28-10-1975	—Da.—	A signal smoothing device for smoothing disturbances in the wave form of an electrical signal
55.	142937	10-6-1974	WESTINGHOUSE ELECTRIC CORPO- RATION of Westing house bldg, Gateway centre, Pittsburgh, Pennsylvania USA.	A high voltage electrical device incorpo- rating epoxy hydride prepegs.
56.	142977	22-3-1975	COUNCIL OF SCIENTIFIC & INDUS- TRIAL RESEARCH of Rafi Marg, New Delhi-1 India	Improved process for the electrolytic production of iron powder iron from iron chloride solution
57.	143013	2-12-1974	BURROUGHS CORPORATION of Burroughs Place, Detroit, Michigan- 48232 USA	A binary data processor system
58.	143030	25-3-1975	FRENCH STATE of 4 Avenue de La Ports, Issay 75996 Paris Avenue USA.	Power plant

1	2	3	4	5
59.	143181	15-11-1975	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1 India	A device for dust removal from air
60.	143183	12-7-1976	DR. COTTO & COMP GMBH of Christstrasse 9, 463 Bochum West Germany	Battery of coke ovens with regenerative heat exchange
61.	143187	11-6-1975	WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse Bldg., Gateway centre Pittsburgh Pennsylvania USA	High pressure mercury vapour discharge lamp
62.	143207	8-11-1974	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1 India.	A strain gauge torque transducer
63.	143218	13-1-1975	WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse Bldg., Gateway center Pittsburgh Pennsylvania USA.	Circuit interrupter with electromagnetic opening means
64.	143297	21-8-1975	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1 India	Ultrasonic probe for the inspection of timber, concrete and like materials
65.	143408	27-8-1976	HOECHST AKTIENGESELLSCHAFT of 6230 Frankfurt, Main 80 FRG	Electrolytic apparatus for production of chlorine from aqueous alkali metal chloride
66.	143411	7-11-1976	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1 India	Improvements in or relating to process for anodic phosphating of steel substrates and electrolytic cell therefore
67.	143426	15-9-1975	MODERN PRODUCTION BJORN ORTEN HEINS A B of Akerby skola 755 90 Upprussia Sweden	Improvements in or relating to an electrically driven vehicle
68.	143449	6-2-1975	SIEMENS AG of Berlin & Munich West Germany	Regulation arrangement for an electric power supply system
69.	143481	10-3-1976	KRAFTWERK UNION AG of 433 Mulheim (Ruhr) Wiesenstr 35 FRG	Laminated stator core for an electrical machine
70.	143495	8-10-1975	JASBIR SINGH BAJAJ of 8 Jamshedji Tata Road, Churchgate City of Bombay State of Maharashtra India	Improvements in or relating to horological or chronometric instruments and in particular to an electronic solid state automatic time adaptive watch on clock
71.	143556	7-7-1975	BURROUGHS CORPORATION of Burroughs Place, Detroit Michigan 48232 USA	Data processing system for executing a plurality of concurrent processors
72.	143562	20-5-1975	IMPERIAL CHEMICAL INDUSTRIES Ltd of Imperial chemical house Mill Bank London SW 1 England	Porous diaphragms suitable for use in an electrochemical cell
73.	143562	20-5-1975	Imperial Chemical Industries Ltd., Imperial Chemical House, Mill Bank, London, S W1, England.	Porous diaphragms suitable for use in an electrochemical cell.
74.	143573	24-7-1975	SIEMENS AKTIENGESELLSCHAFT, of Berlin & Munich, West Germany.	A drive device for a switch.
75.	143604	12-2-1975	BURROUGHS CORPORATION, of Burroughs place, Detroit, Michigan, 48232, USA.	A charge coupled Device stack memory

COMMERCIAL WORKING OF PATENTED INVENTION

MECHANICAL & GENERAL
ENGINEERING LIST NO VI

The following patents in the field of Mechanical & General Engineering Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146(2) of Patents Act, 1970, in respect of calendar year 1983 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a licence for the purpose.

Sr. No	Patent No.	Date of Patent	Name & Address of the patentees	Title of the invention
1	2	3	4	5
1.	140061	10-10-1974	GEORGE FISCHER LTD. of Schaffhausen, Switzerland.	A cast ore piece annular rim member for a vehicle wheel.
2.	140084	21-5-1974	G.D. SOCIETA PER AZIONI of Via Pomponia, 10 Bologna, Italy.	Apparatus for accumulating and supplying lengths of material in sheet form.
3.	140115	31-12-1974	MARK YVES VERGNET of 1, Chemindu val, Doux, "La Parveigna" Toulon Var, France.	Improvements in or relating to pumps.
4.	140181	10-7-1973	SANDVIK AKTIEBOLAG of Fack S-811 01 Sandviken 1 England.	Milling cutter.
5.	140203	7-12-1973	GIRLING LTD. of Kings Road, Tyseley, Birmingham 11, England.	Improvements in automatic adjusters for vehicle brakes.
6.	140215	3-7-1973	Do.	Improvements in vehicle hydraulic master cylinder assembly and braking system incorporating such assembly.
7.	140257	9-8-1973	BURROUGHS CORPORATION of Burroughs Place, Detroit Michigan 48232 U.S.A.	Two-bit non-restors, look-ahead binary divider.
8.	140258	9-10-1973	SUNKIST GROWERS INC. of 14130 Riverside Drive, Sherman Oaks, California, U.S.A.	Apparatus to organise a mass of objects into a travelling row.
9.	140349	9-11-1973	ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI KAISHA. of No 2-1, 2-Chome, Ote-Machi, Chiyoda- ku Tokyo-to, Japan.	Suspension type preheating systems for powery raw materials.
10.	140409	11-9-1974	MAHLE GMBH of 26-46 Pragstrasse, Stuttgart West Germany.	A piston & connecting rod arrangements for reciprocating piston engine.
11.	140410	13-9-1974	ELITEX ZAVODY TEXTILNIHO STROJIRNSTVI GENERALN REDITELSTVI of Liberec, Czechoslovakia.	Body for winding yarn in textile machines.
12.	140412	4-12-1973	CHIYODA CHEMICAL ENGINEERING CONSTRUCTION CO. LTD. of 1580 Tsurumi-cho, Tsurumi-Tsurumiku Yokohamashi Japan.	Flexible sand chain for soft ground and method for constructing the same in the soft ground.
13.	140413	4-12-1973	Do.	Pile driver for use in forming sand drains.
14.	140480	27-2-1974	BELOIT CORPORATION of 1st Lawrence Avenue, Beloit Wisconsin- 53511, U.S.A.	Pulp refiner element.
15.	140499	21-9-1973	SIMON CARVES LTD. of Bird Hall-Land, Cheadle Heath Stock- port Cheshire, England.	Safety means for use in discharging coke from coke ovens.
16.	140501	23-12-1974	BRITISH STEEL CORPORATION of 83 Grosvenor Place London, S.W. 1, England.	Improvements in or relating to the production of metal strip from powder.
17.	140555	7-3-1974	DIAMOND POWER SPECIALITY CORPORATION of U.S. Route 22, Lancaster, Ohio, USA.	Power connecting apparatus for movable members.

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18.	140566	18-6-1974	GEORGES MERCIER AND JACQUES MERCIER of Rue Raniel Mercier, 07102 Annonay Ardeche, France.	Improvements in or relating to machine for the treatment of hides and skins.
19.	140571	21-6-1974	METALLGESELLSCHAFT AG. of 16 Frankfurt A.M. Reuterweg 14, West Germany.	Pelletizing disk.
20.	140610	9-5-1974	R. A. LISTER & COMPANY LTD. of Long street, Dursley, Gloucestershire, GL 11 4HS, England.	Exhaust gas silencer.
21.	140646	17-7-1973	FRITZ STAHLER & ETC of Josef-Neidhartstrasse 18, D-7341 Bud-Uberkingen, West Germany.	Apparatus for removing impurities from fibres.
22.	140665	20-11-1974	ETTORE BONALUMI of Via Lega, Lombarda 5, Bergamo, Italy.	Method for stripping a web from a carding machine and apparatus therefor.
23.	140669	5-11-1973	DEERE AND COMPANY of Moline, Illinois, USA.	A crop harvester having an automatic height control system.
24.	140696	14-3-1975	G.D. SOCIETA PER AZIONI of Via Pomponia, 10 Bologna, Italy.	Apparatus with a rotatable head for supplying cigarettes to the infeed hoppers on high speed cigarettes packaging machine.
25.	140705	20-10-1973	DEERE & CO. of Moline, Illinois, USA.	Variable speed belt drive for an agricultural machine.
26.	140741	19-12-1973	G. D. SOCIETA PER AZIONI of 10 Bologna, Via Pomponia, Italy.	Cigarette packaging machine.
27.	140747	20-3-1975	JOHNSON & JOHNSON of 501 George street, New Brunswick, New Jersey, USA.	A blood filter unit.
28.	140758	19-12-1974	GIRLING LTD of Kings Road, Tysely, Birmingham 11, England.	Improvements in Hydraulic activators particularly for use in vehicle brake activating systems.
29.	140784	20-3-1975	JOHNSON & JOHNSON of 501 George street, New Brunswick, New Jersey, USA.	Blood Filtration unit.
30.	140813	13-12-1973	G.D. SOCIETA PER AZIONI of Via Pomponia, 10 Bologna, Italy.	Apparatus for the discharge of products Such as packets of cigarettes or the like from wrapping packaging machine supplying products in intermittent operation.
31.	140848	24-3-1973	UBE INDUSTRIES LTD. of 12-32, Nishihonmachi, 1-chome, Ube-shi, Yamaguchi-ken, Japan.	A Process and furnace for thermally cracking a liquid hydrocarbon.
32.	140859	1-7-1974	F.L. SMIDTH & CO. A/S of 77 Vigerslev Alle, DK-2500, Copenhagen Valby, Denmark.	Improvements in rotary kiln plants for burning pulverous granular materials.
33.	140884	16-2-1974	KELLEY COMPANY INC of 6720 North Tentonia Avenue, Milwaukee, Wisconsin, USA.	Stack construction for a combustion apparatus.
34.	140886	24-9-1974	FLUIDRIVE ENGINEERING CO, LTD. of Fluid works, Worton Road, Isenorth Middle sex, England.	Fluid couplings & motor drive installations incorporating the same.
35.	140887	26-9-1974	ZELLWEGER USTER LTD. of Wilstrasse 11, CH-8610 Uster Switzerland.	Apparatus for detecting faults in the operation of spinning units in open-end spinning machines.
36.	140896	2-12-1974	SVEN RUNO VILHEIM GEBELIUS of Fridhensgatan 27, S-11240 Stockholm, Sweden.	A pipe connection means for connection of crosswise extending pipes to a longitudinally extending transport pipe.
37.	140897	2-12-1974	SVEN RUNO VILHEIM GEBELIUS of Fridhemsgatan 27, S-11240 Stockholm, Sweden.	A pump device for flow rate control of liquid in a piping system.
38.	140914	22-3-1974	F.L. SMIDTH & CO. A/S of 77 Vigerslev Alle, Copenhagen-valby, Denmark.	Instrument in air swept tube mills and method of grinding material in the same.

1	2	3	4	5
39.	140915	8-7-1974	SVEN RUNO VILHEIM GEBELIUS of Fridhemsgatna 27, S-11240 Stockholm, Sweden.	Device for forming a yarn reserve upon simultaneous forming of a yarn.
40.	140987	14-12-1973	G.D. SOCIETA PER AZIONI of Via Pomponia 10, Bologna, Italy.	Device for transferring batches of cigarettes from a formation line to a packing line from them to be packeted.
41.	141053	13-2-1975	GIRLING LTD. of Kings Road, Tyseley, Birmingham 11, England.	Improvements in disc brakes for rail vehicles.
42.	141064	4-6-1974	PANDROL LTD. of 7 Rolls Buildings, Fetter Lane, London EC4 1JB, England.	A railway rail-fastening member and a railway rail and fastening assembly employing it.
43.	141087	13-3-1974	THE CROSS COMPANY of 17801, Founteen Mile Road, Fraser, Michigan 48026, USA.	A tool adjusting system for a machine having a tool for machining a surface of a plurality of workpieces to a predetermined nominal dimensions.
44.	141097	19-12-1975	NAMBAMUDI SINNIH VELLASITHAN SINNIH of Mayfield Estate, Nellakotta, P. O. Pin code 643225 The Nilgiris, Tamil Nadu, India.	A rotary pump.
45.	141100	27-5-1974	FRANKLIN MANUFACTURING CO. of 701-33rd Avenue North, St. Cloud, Minesota 56301, USA.	Refrigeration cabinet and method for making same.
46.	141104	8-1-1974	CARLOS PUJOL ISERN of Calle Santalo 148 Barcelona, Spain.	Method of and apparatus for joining two threads.
47.	141139	21-12-1973	COMBUSTION ENGINEERING INC. of 1000, Prospect Hill Road, Windsor, Connecticut, USA.	Connectiing means for adjacent walls of two abutting ducts.
48.	141171	18-9-1974	SIEMENS AG. of Berlin & Munich, West Germany.	Steam filter for turbines. A method and device for making said steam filter.
49.	141172	9-4-1975	GIRLING LTD. of Kings Road, Tyseley, Birmingham 11, England.	Improvements in tandom master cylinders for hydraulic braking system.
50.	141190	9-5-1974	Do.	A method of manufacturing a friction disc.
51.	141204	15-11-1973	FOREST CITY DILON INC of 1730 Akron-Penninsula Road, Akron Ohio, USA.	Unitied building and method of erecting the same.
52.	141224	24-4-1974	DR. C. OTTO & COMP. GmbH. of 463 Bochum, West Germany.	Process for the quenching of hot coke discharged from a cooking oven.
53.	141275	7-5-1874	F. L. SMIDTH & CO. A/S of Vigerslev Alle 77, DK-2500 Copenhagen Valby, Denmark.	A method of cooling grannular material and a planetary cooler therefor.
54.	141308	10-7-1974	MARRYAT FINANCE LTD. of 40/42, Hatton Garden, London EC1P 1 AN Grossbritannien, England.	Angular guidance arrangement for conveyor belt systems.
55.	141321	31-8-1974	KENTREDDER LTD. of Longueville street, Saviour, Jersey, Channel Islands.	A method of treading tyres and tyres so treaded.
56.	141338	12-2-1974	KABUL-UND METALLGUTECHOF AG. of 3000, Hannover, Vahrenwalder strasse 271, Postfach 260, FRG.	Method and apparatus for paring wires metal extrusions and other elongated metallic materials.
57.	141383	8-8-1974	LICENTIA PATENT VERWALTUNGS GMBH of Theodor stern-Kei, 6 Frank-furt 70, FRG.	Apparatus for production of tubes or cable sheaths of metal by extrusion.

1	2	3	4	5
58	141397	23-1-1974	NATIONAL RESEARCH DEVELOPMENT CORPORATION of 66-74 Victoria street London S W 1 England	Method and apparatus for removing testis from the dehydrated kernels of cashewnuts
59	141428	2-7-1975	SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B V of carel Van Bylandtlaan 30, The Hague, The Netherlands	Apparatus for feeding finely divided solid fuel to a high pressure gasification chamber
60	141434	24-4-1974	DR C OTTO & COMP GMBH of Bochum West Germany.	Coke over door
61	141439	25-7-1973	GENERAL ELECTRIC COMPANY of 1 River Road, Schenectady 5, New York USA	Valve insert and a the same.
62	141476	15-5-1975	N V IMEXIN S A. of J Adamstreet 14, B-1950 Kraainem Brussel, Belgium.	Improvements in or relating to vibration damper with self damping rubber or elastomer materials
63	141478	23-5-1975	PALITEX PROJECT COMPANY GMBH of Weerserweg 8 415 Krefeld, West Germany	Means on or attachable to a textile machine for the positioning or receiving or a thread and its transport along a pre-determined path.
64	141514	8-2-1974	GEWERKSCHAFT EISENHUTTE WESTFALIA of 4628 Wethmar bei Lunen Westfalen, FRG	Improvements in scrapper chain conveyors
65	141620	26-5-1975	PHEROVSKI STROJIRNY NARODNI PODNIKA of Píerov, Czechoslovakia	Improvements in or relating to apparatus for pre-heating and calcination of granulous and piece materials
66	141629	8-11-1973	LIBBEY-OWENS-FORD COMPANY I of 811, Madison Avenue, Tolado, Ohio, USA	Determination of optical quality of flat glass sheets.
67	141651	27-2-1974	USS ENGINEERS & CONSULTANTS INC of 600 Grant street, Pittsburg, State of Pennsylvania, USA	Operating mechanism for slidable gates of bottom pour vessel
68	141642	14-6-1974	Asahi Kasei Kogyo Kabushiki Kaisha of No 25 1, 1-Chome, Dojima Hamadori Kilabu Osaka, Japan.	Apparatus for continuously heat treating fibrous materials under pressure
69	141643	9-7-1974	ENGINEERING COMPONENTS LTD of 14 Liverpool Road, Slough, Buckinghamshire, England.	A method of producing cork gaskets and gaskets so produced
70	141655	21-12-1973	FRIED KRUPP GESELLSCHAFT MIT BESCHRANKTER HAFTUNG of Alterder Fir Strasses-103, D-43 Essen, FRG	Hinged & fast support especially for a bridge
71	141660	19-1-1974	HARISH TEXTILE ENGG PVT. LTD of Umbergaon, District Bulsar, Gujarat, India	Improvements in or relating to rotary printing screen
72	141765	17-8-1974	SIMON-CARVES LTD of Bird Hall Lane, Chedale Heath stock Port, Cheshire, England.	A coke oven battery
73	141826	7-6-1976	Dr C OTTOM & COMP, GMBH of 463 Bochum, West Germany	Slag bath generator
74	141839	27-3-1974	C A NORGREN CO, of 5400 South Delaware, Littleton, Colorado 80120, USA	Re-classifier for oil for lubrication systems
75	141853	29-3-1974	SNIA VISCOSA SOCIETA NAZIONALE INDUSTRIA APPLICAZIONI	Improvements in or relating to machines for continuously spinning and treating rayon viscous filaments and yarns

MECH & GEN ENGG. LIST NO VII
COMMERCIAL WORKING OF PATENTED INVENTION

The following patents in the field of Mechanical & General Engineering Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under section 156(2) of Patents Act, 1970 in respect of calendar year 1983, generally on account of want of requests for licences to work the patented inventions. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a licence for the purpose.

S. No.	Patent No.	Date	Name & Address of Patentees	Title of the Invention
1	2	3	4	5
1.	141857	26-3-1975	ELI LILLY & CO, of 307 East MC. Carty street, City of Indiana Polis, State of Indiana USA.	Pick off mechanism for capsule inspection machine.
2.	141879	31-5-1974	G. D. SOCIETA PER AZIONI, of Via Pomponia, 10 Bologna, Italy.	Transmission system for a high speed cigarette packeting machine.
3.	141896	8-8-1974	METALLGESELLSCHAFT AG. of 16 Frankfurt A.M. Reuterweg 14, West Germany.	Method of and apparatus for drying particulate mineral for agglomeration.
4.	141920	29-10-1974	JOHNSON & JOHNSON of 501 George street, New Brunswick, New Jersey, USA.	Anti-fog surgical force mask with slits.
5.	141923	19-9-1975	GUSTAV SCHADE MASCHINENFABRIK GMBH & CO., of D-4600, Dortmund, A.M. Rosenplatzchen 120, German Federal Republic.	Apparatus for extracting bulk material from dumps.
6.	141960	10-2-1975	DAVID SCIACKY of 999 North Lake shore, Drive Chicago, Illinois, USA.	Rotating arc welding method and apparatus.
7.	142000	7-12-1973	SEKISUI KASEIHIN KOGYO KABUSHIKI KAISHA of No. 1-25, Miniamikyobatcho, Nara-shi, Nara, Japan.	Method for producing receptacles from thermoplastic resin foam sheet.
8.	142050	18-7-1974	SIMON-HARTLEY LTD. of Ethruria Works stock-on-trent staff, Ordshire, England.	Apparatus for and method of filtering a liquid.
9.	142062	27-6-1974	GEORGES MERCIER AND JACQUES MERCIER of Rue Daniel Mercier, 07102, Annonay, Ardeche, France.	Improved guiding and feeding device for machines for splitting skins, hides and the like products.
10.	142087	22-5-1975	GIRLING LTD. of Kings Road, Tyseley, Birmingham 11, England.	A master cylinder assembly for a vehicle hydraulic braking system.
11.	142120	22-7-1975	ALBERT OBRIEST AG. of Romerstrasse-83, 4153, Reinach, Switzerland.	Closure for containers and a method for securing the closure to the container.
12.	142132	7-2-1975	FEDERAL-MOGUL CORPORATION of 26555 North Western Highway Southfield Michigan-48075, USA.	Process for making sectionalized precision components.
13.	142145	20-3-1975	GIRLING LTD of Kings Road, Tyseley, Birmingham 11, England.	Improvements in vehicle disc brakes.
14.	142182	1-5-1974	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, of Rafi Marg, New Delhi-1, India.	A burner.
15.	142201	24-10-1973	WESTINGHOUSE ELECTRIC CORPORATION of Pittsburgh, Pennsylvania, USA.	System for controlling operation of a steam turbine.
16.	142227	17-9-1975	GIRLING LTD of Kings Road, Tyseley, Birmingham 11, England.	Pressure differential warning actuators for use in dual hydraulic braking systems for vehicles.

1	2	3	4	5
17.	142237	23-8-1974	JOHNSON & JOHNSON of 501 George street, New Brunswick, New Jersey, USA.	Surgical drape for use on an operation table.
18.	142238	23-8-1974	JOHNSON & JOHNSON of 501 George street, New Brunswick, New Jersey, USA.	Self adhesive surgical drops.
19.	142244	15-4-1975	KNORR-BREMSE GMBH of 80, Moosacher Strasse, 8 Munich, 40 FRG.	Control valve for pressure air brakes, in particular for rail vehicles.
20.	142312	11-11-1974	DR. C OTTO & COMP. GMBH of Bochum, West Germany.	Flue gas collector main on regeneratively heated coke ovens.
21.	142345	18-9-1974	GIRLING LTD. of Kings Road Tyseley, Birmingham 11, England.	Brake pressure control valves
22.	142346	26-9-1974	G. D. SOCIETA PER AZIONI of Via Pomponia, 10, Bologna, Italy.	High speed cigarette packaging machine.
23.	142380	31-3-1976	IMPERIAL CHEMICAL INDUSTRIES LTD. of Imperial chemical house, Millbank, London SW1, England.	A method and apparatus for solids liquids separation.
24.	142385	15-10-1975	JOHNSON & JOHNSON of 501, George street, New Brunswick, New Jersey, USA.	A surgical face mask.
25.	142401	22-10-1974	PREROVSKE STROJIRNY NARODNI PODNIK of Prerov, Czechoslovakia.	Process and apparatus for the Production of clinker.
26.	142409	28-5-1975	RESEARCH CORPORATION of 405 Lexington Avenue, New York, State of New York USA.	Power piston actuated displacer piston driving means for free piston stirling cycle type engine.
27.	142442	11-5-1976	GEORGES MERCIER AND JACQUES MERCIER of Rue Daniel Mercier, 07102, Annonay, Ardecne, France.	A leather processing or measuring machine.
28.	142484	26-9-1974	G. D. SOCIETA PER AZIONI of Via Pomponia, 10 Bologna, Italy.	Improved wrapping machine for sweets and similar on which the individual Products are wrapped in what is known as the "soap" Or "Diamond style".
29.	142535	21-7-1975	SIEMENS AG of Berlin & Munich, West Germany.	A retaining device for a compression ring.
30.	142571	10-7-1975	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1, India.	Improvements in or relating to production of soluble granules used in making cellular metal
31.	142622	7-4-1976	SIEMENS AG. of Berlin & Munich, West Germany.	Improvements in or relating to a process and apparatus for surface grinding a work-piece.
32.	142648	20-1-1976	WILHELM EIRICH & ETC. of Hardheim Behnhofstr 19	Pulverising apparatus with a toothed disc.
33.	142656	26-2-1975	PARKE DAVIS & CO. of Detroit, State of Michigan, USA.	Apparatus and method for Printing capsule parts.
34.	142666	16-7-1974	WESTINGHOUSE ELECTRIC CORPORATION of Westinghouse Bldg, Gateway Centre, Pittsburgh, Pennsylvania 15222, USA.	High pressure laminate and method of making same.
35.	142672	13-1-1975	NITTO BOSKEI CO. LTD. of 1 Aza Higashi, Gonama Fukushima-ken, Japan.	Method and apparatus for manufacturing glass fibres.
36.	142679	19-7-1975	WIEGAND KARLSRUHE GMBH. of Einsteinstrasse 9-15, Ettlingen 7505, FRG.	Improvements in or relating to gas scrubbing apparatus.
37.	142703	1-9-1975	ABEX CORPORATION of 530, Fifth Avenue, New York, New York 10036, USA.	Control system for a variable displacement pump.

1	2	3	4	5
38.	142715	4-2-1976	THE PARKAR PEN COMPANY of 219 East Court Street, Wisconsin 53545, USA.	A nib assembly for a writing pen and writing pen incorporating the nib assembly
39.	142724	11-7-1974	DR. C. OTTO & COMP. GMBH. of Bochum 463, West Germany.	Levelling device for coke ovens.
40.	142741	8-10-1975	YOSHIO MURAO of No. 56-1 Masuizumi-machi Kanazawa, Ishikawa, Prof, Japan.	Cleaning machine for bobbins with waste silver.
41.	142745	27-6-1974	SOCIETE D'ETUDES DE MACHINES THERMIQUES of 2, Quai De Seine 93202, Saint Denis, France.	A device for conditioning the air supply for a low compression ratio supercharged interval combustion engine in particular at start and low level operation.
42.	142750	7-11-1974	BENAMALI SEN of 20, Brindaban Mullick Lane, Calcutta-700 009, West Bengal, India.	Slot ovens.
43.	142759	4-10-1975	KNORR-BREMSE GMBH. of 8000, Munchen 40, Moosacher, strasse 80, FRG.	Compressed air braking device for rail vehicles.
44.	142780	23-4-1976	F. L. SMIDTH & CO. A/S of 77 Vigerslev Alle, DK-2500 Valby, Copenhagen, Denmark.	Improvements relating to rotary drum plants.
45.	142815	18-9-1975	UOP INC. of Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines Illinois USA.	A treating chamber and its use for the coating and impregnating of catalyst support members.
46.	142818	28-1-1976	THE CRKER PEN COMPANY of 219 East Court street, Janesville, Wisconsin, USA.	Improvements in or relating to modular writing pens.
47.	142830	17-12-1974	BHAGAT ENGG CO. PVT. LTD. of U/M/56 Lajpat Nagar, New Delhi-110024, India.	A module for use in a structural as embly.
48.	142831	19-12-1974	MIDREX CORPORATION of One NCNB Plaza, Charlotte, North Carolina 28280, USA.	A vertical shaft furnace for continuously heat treating dissimilarly sized particles.
49.	142891	18-8-1976	ETHICON INC. of Somer Villa, New Jersey, USA.	Surgical adhesive taps.
50.	142892	28-7-1973	ROBERT BOSCH, GMBH. of Postfach 50, 7 Stuttgart 1, West Germany.	Composite resistor and method of manufacturing the same.
51.	142923	15-10-1975	COUNCIL OF CIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1, India.	Improvements in or relating to process for painting, coating of rusted steel structures.
52.	142927	25-6-1975	CHICAGO PNEUMATIC TOOL COMPANY of 6 East 44th street, New York, N. Y. 10017, USA.	A rotary tool such as a surface grinding tool including a rotary air motor.
53.	142953	17-12-1974	BHAGAT ENGG. CO. PVT. LTD. of II/M/56, Lajpat Nagar, New Delhi-110 024, India.	A module for use in a structural assembly.
54.	142954	17-12-1974	Do.	A module for structural assembly.
55.	142981	26-9-1974	G. D. SOCIETA PER AZIONI of Via Pomponia, 10 Bologna, Italy.	Device for transferring and shaping ready for use.
56.	142998	26-9-1974	Do.	Device for producing cigarette packing machines the understrip or shoulder piece.
57	142999	4-10-1974	SYBRON CORPORATION of 1100, Midtown, Rochester, New York, 14604, USA.	Scale mechanism for the writing element of a strip chart recorder.

1	2	3	4	5
58.	143001	12-5-1975	GIRLING LTD of Kings Road, Tyseley, Birmingham 11, England.	Improvements in hydraulic boosters for vehicle braking system.
59.	143015	15-10-1975	METALLGESELLSCHAFT AG of 6 Frankfurt A. M. Main, Reuterweg 14, FRG.	Improved combustion system for pelletizing apparatus of the travelling grade type
60.	143017	3-1-1976	F. L. SMIDTH & CO. A/S of 77 Vigerslev Alle, DK-2500 Valby, Copenhagen, Denmark.	Improvements relating to rotary drums.
61.	143042	16-1-1976	SECHERON SOUDURE S. A. of Gland (Vaud, Switzerland)	Methods and devices for cutting, eroding, welding and depositing metallic and non-metallic materials by means of an electric arc.
62.	143061	29-1-1976	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1, India.	A process for making prestressed concrete poles and portable column mould assemblies therefor.
63.	143073	17-7-1975	JOHNSON & JOHNSON of 501 George street, New Brunswick New Jersey USA.	A blood filter element.
64.	143076	25-10-1975	GIRLING LTD. of Kings Road, Tyseley, Birmingham 11, England.	Improvement in actuator assemblies for vehicle brakes.
65.	143109	21-10-1974	PHILIP MORRIS INCORPORATED of 100 Park Avenue, New York N. Y. 10017 USA.	Process apparatus for expanding tobacco
66.	143113	21-7-1975	EMHART (U. K.) LTD. of Crompton Road, Wheatley, Doacester, Yorkshire, England.	A glass ware forming apparatus.
67.	143124	20-10-1975	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1 India.	A process for production of substantially ash free or low ash electrode grade coke or petroleum coke substitute from coal tar pitch or coal extract.
68.	143135	18-9-1974	THE BOBTEX CORPORATION LTD. of 115 Mont Pellier, Boulevard, Montreal Quebec India.	Method and apparatus for manufacture of composite yarn products.
69.	143165	27-5-1975	SAINT GOBAIN INDUSTRIES of 62 Boulevard Victor Hugo Neuilly Sur-Seine France.	Process and apparatus for the manufacture of tubes from fibrous felt
70.	143171	31-12-1975	TEXMACO LTD of Belgharia, Calcutta 56 West Bengal India.	Apron bridge bar for use in drafting system.
71.	143176	21-8-1974	DR. C. OTTO & COMP GMBH of 463 Bochum West Germany.	Apparatus for processing the gas main flushing liquor yielded in coke ovens.
72.	143184	8-10-1976	SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B. V. of Carel Van Bylandtlaan 30 The Hague The Netherlands.	Process for the separation of dry particulate matter from a hot gas.
73.	143209	23-12-1974	MONSANTO COMPANY of 800 North Lindbergh Boulevard St. Louis Missouri 63166 USA.	A process for manufacturing a fibre reinforced and fibre reinforced hose obtained therefrom.
74.	143246	26-6-1976	JOHNSON & JOHNSON of 501 George Street, New Brunswick New Jersey USA.	Process for producing adhesive tapes from thermoplastic elastomeric material.
75.	143266	21-2-1975	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH of Rafi Marg, New Delhi-1 India.	System for bleaching textile fabrics.

PENFWAI FEES PAID

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 125898 125928 125987 125991 126288 134228 134552 134758
 134787 134794 134806 134826 134827 134828 134831 135049
 135097 135181 135182 135954 136245 136390 136763 136870
 137066 137726 137781 138067 138135 138136 138186 138241
 138306 138594 138676 138831 138838 138979 139051 139098
 139100 139202 139238 139488 139692 140253 140676 141379
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 143673 143749 143778 143881 143978 144364 144406 144408
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 145156 145261 145354 145436 145621 145852 145853 146054
 146106 146160 146229 146444 146858 146884 146917 146936
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 147710 147874 147910 147971 148154 148160 148219 148390
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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act 1911.

The date shown in the each entry is the date of registration of the design included in the entry

Class 1. No. 154943. Durga Metal Works, 619, Loni Road, Shahdara, Delhi-110032. "The burner of gas tandoor". 11th October, 1984.

Class 1. No. 154621. Shree Agencies, 4E/13-Jhandewalan Extension, New Delhi-110055 (India) An Indian Partnership Firm. "Protective Door strip for land vehicles". 21st July, 1984.

Class 1. No. 154840. Globe Super Parts, Proprietor Super Parts Private Limited, 14/1, P.O. Amarnagar, Mathura Road, Faridabad, Haryana, India. An Indian Company "Skewer with Plate Support". 19th September, 1984

Class 1. No. 154841. Globe Super Parts Proprietor Super Parts Private Limited, 14/1, Mathura Road, P.O. Amarnagar, Faridabad, Haryana, India. An Indian Company. "Bar Be Que Rod". 19th September, 1984.

Class 1 No. 154842. Globe Super Parts, Proprietor Super Parts Private Limited, 14/1, Mathura Road, P.O. Amarnagar, Faridabad, Haryana, India. An Indian Company. "Skewer Assembly Support". 19th September, 1984.

Class 1 No. 154843. Globe Super Parts Proprietor Super Parts Private Limited, 14/1, Mathura Road, P.O. Amarnagar, Faridabad, Haryana, India. An Indian Company. "Skewer with Plate Support & Bar". 19th September, 1984.

Class 3. No. 154714. Kew Fusegear Private Limited, a company incorporated under the Indian Companies Act, 1956, of 10 Friends Society, 5th Road Juhu Scheme, Vile Parle, Bombay-400 056, State of Maharashtra, India. "Electric Switch". 18th August, 1984

Class 3. No. 155375. Duralium Corporation (India), a registered Partnership firm, of G-89 Sarvodayanagar, 1st Panjarapole Lane, Bombay 400 004, Maharashtra, India "Container". 12th February, 1985.

Class 3. No. 155045. Eagle Flask Private Limited a, company incorporated under the Indian Companies Act, at Eagle Estate, Talegaon 410 507, Dist. Pune, State of Maharashtra, India. "Water Bottle". 14th November, 1984.

Class 3 No. 154701. Rakesh Kumar Kalra, an Indian National trading as Kiran Sales Enterprises, A-2, Flatted Factories Complex, Okhala, New Delhi-110020. "Auto Mirror". 17th August, 1984.

Class 3. No. 154997. Rotpunkt Dr. Anso Zimmermann, of 6434 Niederaula, West Germany. "an Insulating Lug". Reciprocity date is 16th August, 1984. (U.K.).

Class 3 No. 154949. Alliance Hygiene Products (P) Limited, 26/181, West Patel Nagar, Faridpur, New Delhi-110 008 India, a Private Limited Company, registered under the Indian Companies Act, 1956. "Bottle". 12th October, 1984.

Class 3 No. 154715. Kew Fusegear Private Limited, a Company incorporated under the Indian Companies Act, 1956, of 10, Friends Society, 5th Road, Juhu Scheme, Vile Parle, Bombay-400 056, State of Maharashtra, India. "Electric Switch". 18th August, 1984

Class 3. No. 154716. Kew Fusegear Private Limited, a Company incorporated under the Indian Companies Act, 1956, of 10, Friends Society, 5th Road, Juhu Scheme, Vile Parle, Bombay-400 056, State of Maharashtra, India "Electric Switch" 18th August, 1984.

Class 3 No. 155161. Tirmizi & Company, an Indian Registered Partnership Firm of 369, Shiekh Memon Street, Dubash Market 2nd Floor, Room No. 104, Bombay-400 002, Maharashtra. "Hair Brush". 11th December, 1984.

Class 3 No. 155134. Milton Plastics, a registered Indian Partnership Firm, having its office at 202/203, Raheja Centre, 214, Nariman Point, Bombay-400 021, Maharashtra, India. "a Set of a Tray and a Glass". 5th December, 1984.

Class 3. No. 155149. Peico Electronics and Electricals Limited, of Shivsagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company. "a Stereo Radio Recorder". 7th December, 1984.

Class 3. No. 154682. Natvarlal & Company of 10/13A, D. D. Marg, Gurgaum, Bombay-400 004, Maharashtra State, an Indian Firm registered under the Indian Partnership Act. "Carriers for Motor Cycles and Scooters". 10th August, 1984.

Class 3. No. 155075. Modern Fan Industries, B-133, Mayapuri, Phase-I, New Delhi-110064. An Indian Partnership concern. "Cooler". 21st November, 1984.

Class 4. No 155365. Kirit Sheth, Indian National, of 44 Mint Road, Fort, Bombay-400 001, Maharashtra State, India. "Bottle". 5th February, 1985.

Class 4 No 155366. Kirit Sheth, Indian National, of 44 Mint Road, Fort, Bombay 400 001, Maharashtra State, India. "Bottle" 5th February, 1985.

Class 4. No 155364. Kirit Sheth, Indian National of 44 Mint Road, Fort, Bombay 400 001, Maharashtra State, India. "Bottle" 5th February, 1985.

R. A. ACHARYA
Controller General of Patents, Design
and Trade Marks